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 <213> Aspergillus nidulans

<400> 26856

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<400> 26857

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 <213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<210> 26866
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<213> Aspergillus nidulans

<400> 26866

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<210> 26867

<211> 672

<212> DNA

<213> Aspergillus nidulans

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<213> Aspergillus nidulans

<400> 26871

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 <213> Aspergillus nidulans

<400> 26873

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252

<210> 26875
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<400> 26875

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<210> 26876
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<212> DNA
<213> Aspergillus nidulans

<400> 26876

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<211> 333
<212> DNA
<213> Aspergillus nidulans

<400> 26877

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 ttcagttggt ttgttgggta ccgcgatgct tggttcagtc atgcttttga tcattgccaa 180
 agtaccctgc aatcttctga gacccctggg tggcttggtt cgacgctatg tacggatgta 240
 gaggtcgaga aggaggaggc acccaggggg tccatgcttg ctgatagggc cagcgggacg 300
 cttgatagct tgtttgattc ggccgatacc taa 333

<210> 26878
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 <212> DNA
 <213> Aspergillus nidulans

<400> 26878
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 gcctacggca ctccgtcgct ccttgccacag accaacaatt ggggtgcctt tatcttcttt 120
 gccccatggt gcttcgttgc tctcgcttat gcctacctca tgggtccccga gacatatgga 180
 ctcagtgttg aagcaatgga taaagtcttt taa 213

<210> 26879
 <211> 435
 <212> DNA
 <213> Aspergillus nidulans

<400> 26879
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 accgactgcc ctggcagtac caccagcacc cccgctgcgg tcgagacccc cgttgttgtt 180
 cccaccggca cttcccccggt cgaggtctcc agctccgttg ttccccccgc tgtcccgacc 240
 tccagcgtcc ctcagccgcc cgctcccgtg cagccttcca cctccgtcat cgctgtgacc 300
 acctgcattc ccaccgtcac ttactcgacc gtcactatca cccccacggt tgctcccacc 360
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 ggactgcta cgtaa 435

<210> 26880
 <211> 579
 <212> DNA

<213> Aspergillus nidulans

<400> 26880

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ttcacgtctg atccagcggg ccgcccgcct atacatcctt gcggaattgt gacggatcag 180
ggcgtgcagg actggacggc cgctgacgcg gatctctcta gagctgtcct tgtgagtctg 240
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gacgttgggt tggcggcgaa gtggcttgca gatatcgagc cattgcctag gaaggtcatc 480
attgcggaact ttggtagtag ggacggaatt ttgaagagtg tggcgaaga cataaagaaa 540
atggagtcac tacagggcgg tgatattgtg ataattgcg 579

<210> 26881

<211> 609

<212> DNA

<213> Aspergillus nidulans

<400> 26881

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aaagtgcccc agcagtcccc caggctaggc gttatcgag gaaggaggaa acaagcaaca 180
ccagaaccag agccagagcc agagccaagt agcaaaccat tccgatctca atccccagaa 240
ccgcacccgc caccaaaaaa gagaaagcca ctaggtagga tcggcgttat tggcgggcac 300
aactccaagc aaaaagccgt acaagatcac agctctgaag cgccaagctc ctgcggaacg 360
gagagcgtac tgccaccggc agagacggcc caaaggcaga gcaataccga ggacgaggcg 420
gagaagaaaag aaagacccgc ttctaggtct ccatcgctcc gtgaagctaa ggaaccgaac 480
ctgaaaacac ctgcaaagcc ggaacgcgag gagacggagg aagaaaaagc ggacaggaaa 540
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aggtttttag 609

<210> 26882
 <211> 441
 <212> DNA
 <213> Aspergillus nidulans

<400> 26882

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 ccggttgacg gcaataccgt cgcgcctgat gttgagaagc tccacgtctc tccggagggc 120
 gagtctacac ctacccttgc gcctgcctct gagtccgcat ccgcacctcc aaaagaatcc 180
 ctagttcaag aagagccggc cgcaactcct gctccccagc aggagataga gacaattgac 240
 agtctgaacc tcccctcttc cgtcgccgat ggcctcatcc aaaaaccctt cgtccgcccc 300
 gttaacacag caaagccacc tccgcccgcc aaattgacac cagaacaaca agccaagtat 360
 gagagcgtgc ttaatccgtt tctgatggac aacttgtcca ccacagccgc gaagatgccc 420
 aactgcacca tacagacatg a 441

<210> 26883
 <211> 348
 <212> DNA
 <213> Aspergillus nidulans

<400> 26883

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 tcaacagagg cgcttaccac aggttttaact ctacgtgcgg gtggatgggt gaaaccagga 180
 gaagcgggag agactgctgg gtaaattagc tgtggagtat caacagtga agcaactaac 240
 agcaaccaag gtgaagagac agaggatgcg agcatgtatc acactctcct tgagttgtcg 300
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<210> 26884
 <211> 242
 <212> DNA
 <213> Aspergillus nidulans

<400> 26884

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tctgaçattg agagcctgag gtccaaggggt gccagtgagg acatggcgcg ggtacccagc 120
 ggggccacag cgctccccc tatggctccg gcattggcaa gccagcagag ccaacggatg 180
 gagtcagttc ttggtgatgc aatcctgcgc ttccttcgga tccgcaaaga caagaagccg 240
 ga 242

<210> 26885
 <211> 236
 <212> DNA
 <213> Aspergillus nidulans

<400> 26885

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 taccggacgc gccttggtcca ccccgtcatt ggcgttgagt ttccagccct atcgcaagct 120
 tcgtacgctc ttcaccacac agccaaggag gcagagcact gggcttcacc aacatgcac 180
 gtcgaaaccg gtacgaccac caacgacgtg tatctggccc gctcgcgga aaaggc 236

<210> 26886
 <211> 490
 <212> DNA
 <213> Aspergillus nidulans

<400> 26886

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 atcattatag gcctcaccag ctacatggca ctagtcaatc gtcttcgata ccgtcgcaag 120
 gccaaaatag aggcgcggtt cgtgcacgcg catggcggtg gtaggagact actctccagc 180
 atgacggtca aggaagcgca tgcgattctg gccagttgc aggaactgga gttcccgtat 240
 gcgtttgcaa aggctcgtcg aatggctctc ctcaaggtga taccgcgagc atgctgacgg 300
 ataaccataa ctgatgcaaa caggctggag gaatcccgac gatgtcgaag ctgttcgccc 360
 tgacaggcca gaacaacaga cgcaatgcag gcaagcgcg tgctgacacg gagatcctcc 420
 tcggcgaggc gcaatcccag cctcgagatt cggaccgtta tgcaacggcc gtggcgagaa 480
 tgaattatct 490

<210> 26887
 <211> 327
 <212> DNA

<213> Aspergillus nidulans

<400> 26887

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ctgcagcgct tagatgcctc cagggctagg cactcgaccg tcggatcatgg ggtagaccga 120
actcccacca atcctagact ccccaagaca caagtcgggt tggctcgggg cacctcgatt 180
atccaaccta caactaagtc tcatcttgat gttcagctcg cggttagact cccactgact 240
gtcatggcgt accagttcaa ttttcagcct ctaccagtac cagatctgca caggggtata 300
cggggtacgg ataatgccaa cccctaa 327

<210> 26888

<211> 435

<212> DNA

<213> Aspergillus nidulans

<400> 26888

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tttgtccctc ttcgactctc taatcctctc caatttccgt ctgacaaagt caaaacagtc 120
cactcgaccc ctgacactgg cgctgtctcc ttcacctcca agtcctccac tcccactggc 180
ttccagaacc tctacgtcgt cgagaagact gttctccccg tcgggctgac cgggccccac 240
tctggcgctc tgcccagagg cgccagcatg ctggactttg gcgtcaacga ggagggctac 300
ttcacccatg cggacaagga ctacttcgcc attgaaggct atggcgacaa cccccagaag 360
accatctact ggtacggagc gcacagctcc acgtacagag cgttaacct ttgggttaag 420
gagttcaagg aataa 435

<210> 26889

<211> 300

<212> DNA

<213> Aspergillus nidulans

<400> 26889

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gagatcgcaa ctctcaggcc acaccagcac ctaaattgcca ttttcaaaga agccaattgt 120
gtacgcacac acacacacac acacacacac acacacacac acacacacaa tatggatttg 180

tccaatatga aatctggata cacgataaag tgggtgtgggg atgacggagt cgccggacag 240
 tcaccttcat tagaagatga ggaagtgaga cgcgtcggtg acaagcgagg aatgtcgtga 300

<210> 26890
 <211> 1026
 <212> DNA
 <213> Aspergillus nidulans
 <400> 26890

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 ctccgcttcg acaactgggc cagagtcgct ctattcgctt cagacgagac tggcaatgtg 180
 catttggtcc caacactctg caacgatggt gatgcgcgcg aggacattcg gcgtgttatg 240
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 gcgcaaagag cggatctaga acgtcaagag caagagcacc ggccggcgaga gcagcagcat 360
 cagggacagc agcagcgctc ggtgctgtca ggaccgaacg cgcagaacgg gcaggatgca 420
 cagtcggggg agaatgaagc gccaggacag acaggagaat caggagagaa cggtcaggcc 480
 ggccaaatga gtcaggcccc tcaagcgagt caggacgggtc agaattgatga ggtcgagcaa 540
 gcggaacagg ccggacaaga cgcagcgcaa gggcagggcg aggaaccgca aggacgaagg 600
 cagacactcc gtcaccggat tagacggggt cgggtgggcat ccccgctcag ctggggctcc 660
 cggacaccgc cgccgacgcc gcaagacgtg cgagaccagc gcagtagcca gcgggatagc 720
 cagcacctac gggagaatgg cgaggagcag gtggcggcga gtacgcgcac gagtgccggt 780
 gcgagggcca gtacgactgg aaccccagac acggcaacct tccaagcagt gagcgaggag 840
 gaaggtgctc tgtatcgtgc tattgaacga gcgcttgacg aactatacga tatctgcccc 900
 gttggccac tgctacatga cgacgatggt gacgtgccca tgcaggacgg gaatgccgtc 960
 aatggcaacg ctggcatgaa tggatgatgag tctatagggt actgtgtcgg gaatggagag 1020
 ttatag 1026

<210> 26891
 <211> 282
 <212> DNA
 <213> Aspergillus nidulans

<400> 26891

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tcgataattc cgatagtgtg ccgcaggtcc aagaccatgg cggattaacg cacacagccg 120

aggatgacgt tgtgacggta tacactgacg acatgcaagt tctggcttct gacagggtat 180

ccgctctaga ctcggcggat gcaatggcca gccctcaacc ttcgaacaga aacgcgacta 240

ctgtcaacga tattgaattg gctaagacag agggtaacct tg 282

<210> 26892

<211> 655

<212> DNA

<213> Aspergillus nidulans

<400> 26892

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cagaatccca aagggctctgt tcactttgcc aagttcattc acgacaagat tcccgactac 120

gtcgtcgtgg cgaatccgga cacagaccct gcttttggcg tctggctctg cactggaatg 180

tatgacaagg ctggcgctat ccggtttgcc gatctcgacg gcgatgggcg cgacgattat 240

atccgtgtta gcattaacgg agcggtcgat gcctggctaa ataaaggagt taatagccta 300

gttcgcctcc ctggacttgc tcctggctct aaaggagtca ccccgagaa agttcagttt 360

gcagatgtta atggtatgta tcacccctt ctccgccct cctctttttc tcttccacaa 420

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ggcaaggcag actacctggt ggtttgggag ggaggcgccg tcgaggcgta cctcaacaca 540

ggacagctcg caccagcgg gaaaggagat ggtcggaact ggagagagaa gatggtcatt 600

gcgccgggca ttaacggcgt cctcggtgat aaaattcggg ttgcagacat tgacg 655

<210> 26893

<211> 507

<212> DNA

<213> Aspergillus nidulans

<400> 26893

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ctgcagcagc tgcagaacga gatcaggac gtggtgaccc cattcataga ttacgatcac 120

cggaatgcct ccctcgaagc cgagcgctgc tcaaagcagt ttgtcaggcg aacggcttcg 180
 gtcacgacgc ttgcggctga ggcagtgctt tcggtatcac acagcatctg catgaccctc 240
 atcgaggcac tgggttacac tgaatatgat gccgtcggtg accagatcca gggcctcatg 300
 gattatctgg cctggacgac ttggaaagat tgtagaggct gcggtgacca cgagatctgc 360
 atgatcccca tgtggccgat gggcactgtc gacgactaca accacccgca gtgccgtggt 420
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 cccggtccct tgcgctctga actgtag 507

<210> 26894
 <211> 1074
 <212> DNA
 <213> Aspergillus nidulans

<400> 26894
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 gtccctgctc ctactgaggt cggcaccatc ggtggcccta ccaacctcc tggcacggct 180
 acctggtccg agcctgctga gcccacccc aacacaaaca ctggcactgc taccggtact 240
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 ggcactgcca ccggccctgc gaactgtcct cctacatctg ctcccacccc ctgcgatgat 360
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 aacctcctct ccggcagggg ctccctcagc gattccattg gtgagatcgt tggcgatgcc 540
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 ttgcagcacc cgctcgcgca ggactctgag gacctgatcg tcgttatcgg ccgtgacact 960

ggtgctctgc ttatcagact tgetcctggt gtcgctagge tgctcgacgg tcttcttctt 1020
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<210> 26895
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 26895

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cttgaattcg gatggccaag tgaagaccgg acaatatact ttggtataga gagcttgctc 120
ggagcgcctt agctcggcct tccgaacctt tatgccgtgg gcttcgccga ggtgttcaca 180
gaaaatagca tggttgatga cgacgcgggc gacgactttc tgctcaaccg tgcaaaaacg 240
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gtctaa 306

<210> 26896
<211> 330
<212> DNA
<213> Aspergillus nidulans

<400> 26896

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cgaccggatc agggacaatg ggtgtcgacg ccgcagaagg gacaccttgg gaccgatata 120
aatacgcaaa taaaggatga tgctgacgtc gatgctggacg acgacttgca taaagctctg 180
aacatggatc cggctacatc tcggcggggc ggactcgggtg ctaaagcgcg ggagctagat 240
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gaggatgagg gggagcagct gaattcctga 330

<210> 26897
<211> 363
<212> DNA
<213> Aspergillus nidulans

<400> 26897

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 gatgattctt ctgcatctgc tccccaggcg ggcggcgggc tgaatttcag ccaccgccag 180
 cccagggtcta cgaacagggtc aaatgtgttt ggtggaagga tgaacagaga gggggatctt 240
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 gctggggcag ggcgcgagag gggggactat gactttgcta gtgaggattt tgatgatctt 360
 tag 363

<210> 26898
 <211> 434
 <212> DNA
 <213> Aspergillus nidulans

<400> 26898
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 aaaaatatca ccctcgtggg cggtaacggc gatggtcaaa cctgcaaagt ggcaaactcag 120
 attatcgtgg cgctcaatat tgaagcgggt tctgaagccc tgctatttgc ttcaaaagcc 180
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 ctggaagtgc atggcgagcg tatgattaaa cgcaccttta atccgggctt caaaatcgct 300
 ctgcaccaga aagatctcaa cctggcactg caaagtgcga aagcacttgc gctgaacctg 360
 ccaaactg cgacctgcca ggagttattt aatactgtg cggcaaacgg tggcagccag 420
 ttggatcact ctgc 434

<210> 26899
 <211> 201
 <212> DNA
 <213> Aspergillus nidulans

<400> 26899
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 aaaacgcggt ccgagtctac cacacccatc cccaggttgg acgagcaggc cacggaactg 120
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<210> 26900

<211> 269
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 <213> Aspergillus nidulans

<400> 26900

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 aggtacgtta taaaccacag atgggcttat tcaagaactc gtcgatatcg tcagggtcag 180
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 atgtcatccg gaaagcgaag ggtcagtga 269

<210> 26901
 <211> 348
 <212> DNA
 <213> Aspergillus nidulans

<400> 26901

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 ttcaagctgg tccgccaccc agggcgggat cacctcatca ttttcggcgg agaggaggag 120
 gatgggtggg actcgttcag accagtgcg gtttctgga gagcttcctt ggccctgatt 180
 ctgttgatgg ttaggctttt tgtgctgagc gagttgttcg agattgagtg cgacatttca 240
 gtgtttccac gagaacggat gcaaattccc gatgggggtt cccattctgc gggtagaggg 300
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<210> 26902
 <211> 270
 <212> DNA
 <213> Aspergillus nidulans

<400> 26902

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 gcgaagtacc ccgatctgcg agcggagaag gaggactaca agaaaatgct tcaaagagag 180
 gagagaaaga tccgcgagag aaaaagaaca gggagaagca ggagaagagg gagcgggaca 240
 gttgaaatgg caaaaggacc atgcatatga 270

<210> 26903
 <211> 211
 <212> DNA
 <213> Aspergillus nidulans

<400> 26903

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 attgggtatc caaaagtgat aggccacgag g 211

<210> 26904
 <211> 324
 <212> DNA
 <213> Aspergillus nidulans

<400> 26904

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 cgtgcgcaac ggacagaaac ttacttcagg gatccaaagg tcgaatcgga aatcgacaac 120
 gcgttcgtcc gtgactctgt agaggaggag gaggagaagg ccaaagattc gactctagaa 180
 aaagatgaat tcaaggctgc tgagaaggac agcccagcaa cgggaaaata catgcttgag 240
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 atcgatgagg aaacggagaa ttag 324

<210> 26905
 <211> 639
 <212> DNA
 <213> Aspergillus nidulans

<400> 26905

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 aaaaccacct ttgttccgct cccctccatc ccttcgctcc gccaatctct cggcgteccc 180
 gccggccgtc agtttgccga cggaagcgac ttctacaccc tccttgtaat tgtggacgaa 240
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gcggatgcga atgggggcaa gggagagtcg ttcccgatat tgaagaatgg ggagaaattg 360
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ttgcatgttc tgctaacggt ccacggatta cccttcccgc ccgacacggc ggaagctacc 540
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cactcatggt gcacgaaagc ttcagactga agataaacag tcaccagcag ctagaaaaga 180
ctcatttcaa aggcgagagt gaagaag 207

<210> 26907
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<213> Aspergillus nidulans

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gtgcttatcc aatacaagat ccccttttcg caactgcttt tcccgggtacc gaatgccgcc 180
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<212> DNA
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<400> 26908

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<210> 26909
<211> 229
<212> DNA
<213> Aspergillus nidulans

<400> 26909

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acgggagcgc aaaaaacgca atctccacca cgagtccttg cccgtttggg aggtcaacgc 180
aatcttcac tatactataa gtccccagac tacaatctc tataatctga 229

<210> 26910
<211> 288
<212> DNA
<213> Aspergillus nidulans

<400> 26910

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ccatacgatt caggccgtga ggtcgccgca tgtgggtgtc atcaacgggtg ggcaggtggt 180
gcttccggtg ttaccagatg gggggatgga gggtattgtt ggtgttgagg agagttgtct 240

cgacagactg ttgaaggacc ctttgcttac gcgattcggg attgcgag 288

<210> 26911
<211> 228
<212> DNA
<213> Aspergillus nidulans

<400> 26911

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gaggctcctgg ggccaactgg ggcggggggc caactgcatt ggctgcggcg gtgcaggggc 180
aaggccggcg tcgactcgtg gaggggttggg gagagcaggg ctggctga 228

<210> 26912
<211> 464
<212> DNA
<213> Aspergillus nidulans

<400> 26912

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tctggggatg accccgataa gcagcgttca gaagcacctc aagtcgacta ctctgaagct 180
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aaccaggtcc aaggccacct catcctctgg ctttatgatt ggtacgtggt ctatcatcat 360
tgttctattc agaagtgtac ttacggagaa tataggctcg agaaggaaga acaggggtgga 420
aactggcttt acacccttga ccaaatttct cctctggaaa tata 464

<210> 26913
<211> 384
<212> DNA
<213> Aspergillus nidulans

<400> 26913

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gaactaggcc gcaaaggcac ccaatgtctc tgccgccatc tcgagtctac atcgttgatt 180
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<210> 26914
<211> 295
<212> DNA
<213> Aspergillus nidulans

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<210> 26915
<211> 342
<212> DNA
<213> Aspergillus nidulans

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<210> 26916
<211> 435
<212> DNA
<213> Aspergillus nidulans

<400> 26916

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tcgagagaat accagcgctt catgagttag ggaatggagc agagcccata gtacctggaa 180

gcgatgagaa catgcagcgc ccacagacca agtcgaaacg ccataccgtc tcattcaatg 240

tgccgcccgc aacacccccct ccgctctcgg aatggaagac tgcgccaacc gtgagactta 300

gtccctccga ctttgaatta caaccctcgg acgtggacag gaataaggcg tgggtgggaag 360

cggggtctcg cgaccgccgg caaagcagag cacttccaaa ggactaccag aagcctccag 420

tgcagaaacc aaaat 435

<210> 26917

<211> 487

<212> DNA

<213> *Aspergillus nidulans*

<400> 26917

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aaactccacc atcgccggcg tgagtatgac tacgacgacg ctgacgacga ccatgagccc 180

ctctcactact acggccgtgg gctgagtcca cagttcgggtg aggaggttgc aaccctatt 240

gccgaggaag gtgacctttc tggcattggt tatagcaaca gcagtaacaa cgacaagggc 300

gttcgatact gtcgcactcc ggcgcacggt aaaagcggtc actggggcgg tataagtaat 360

gagtttctgg acggtgtgcc cgaggcctct gcgccgggac taagttagta cccgcagaga 420

agaacgaaaa agagccaaaa ctatgtttat ggtgctgatt atggtgctga acgtcagagt 480

tcaagcc 487

<210> 26918

<211> 354

<212> DNA

<213> *Aspergillus nidulans*

<400> 26918

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 aggacggagc cgttcaaggg gtgtttccag ggggattttg cggcactgga gagggagata 300
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<210> 26919
 <211> 1225
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 26919

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gcaggttacc ggcgcgagct tctga 1225

<210> 26920
<211> 240
<212> DNA
<213> Aspergillus nidulans

<400> 26920

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tattcagacy ccctcgccaa cgtcccagcc aacgcgacca cctacttcag ctccaccagc 180
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<210> 26921
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<212> DNA
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<400> 26921

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<210> 26922
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 aacgaaaatg tgtgtattag tatcaggctc gctggccatc tcgagtgggc tgagatatca 180
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<210> 26923
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 <212> DNA
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<210> 26924
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<213> Aspergillus nidulans

<400> 26924

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<210> 26925

<211> 279

<212> DNA

<213> Aspergillus nidulans

<400> 26925

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<210> 26926

<211> 258

<212> DNA

<213> Aspergillus nidulans

<400> 26926

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<210> 26927
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<212> DNA
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<211> 1261
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<213> Aspergillus nidulans
<400> 26928

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<210> 26929
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 <212> DNA
 <213> *Aspergillus nidulans*

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 gaaccgggac gccacaagaa cgagaaagcc gccaacaccg ggacagaaga ggacacccga 180
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<210> 26930
 <211> 1221
 <212> DNA
 <213> *Aspergillus nidulans*

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gttgccgacc tcctctctta a 1221

<210> 26931
<211> 659
<212> DNA
<213> Aspergillus nidulans

<400> 26931
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agaccctctc aagccggac ctgttcgatt gccactgcat cggcgaggcg atgtggatct 180
tgattcttgc cgtgcagaag ctgggcctcg aaaagcatcg gcaaagctc cagctctgcc 240
tcgagaccgt ccgcgggatg gaacagtttg ggtggtgtga gaaggtggca ccggagctgg 300
aggccagagt gcacgagagt gggatcatgc agccgcagtc tcgacgagaa atgcagcaca 360

cccagcaaag cggacaccga agcctggact tccacagtca ggcgaatgga gctgaagcga 420
atgctggagg aggcattctc cctgaatctc gagctgattc tttagaggac acaactctgt 480
atgttcttcc ccgttctaata acttgtgggt gcagatggct aacagatctg gattacagta 540
atattgacat ttccgagttt ggcccttctgg agacattcga tatggatatg gacaatgggt 600
ccgggctgat ggatatgctt gcagacgcaa cgctctcagc gtcacaactc ggcttttag 659

<210> 26932
<211> 303
<212> DNA
<213> Aspergillus nidulans

<400> 26932
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gcgggtggcc aatggggggcc ccgggaggca atcttggtc agggcgctaa agtagcgtct 120
ctccagctgc acttcatcac acgctttggc gttgttattc gacgaactcc ccgcaccatt 180
ctgcaacttc gacaacagca gcacgcggaa agcgtcatcg attggctcat cgttcgcgat 240
cctagcacac tcacgatgtg caacgactcg acatccagct cccggtgcga tccctggccg 300
gtc 303

<210> 26933
<211> 342
<212> DNA
<213> Aspergillus nidulans

<400> 26933
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cctctcgtgg gcctgccttc gctccctgcg ctgcgtggc ttgccttggg cgggtggcgt 180
gttcccgcgt gcggatccct gtggcgggccc cttcttgggc tcgttgtttc cccgcgcgcc 240
ctcttgcttc gtggggcctt cggcgatgtg cggcgccctc ggcgctcctc ctggcccccg 300
gtgcttgggg gggggtcgcc cgcctactac ccgggctttt ag 342

<210> 26934
<211> 617
<212> DNA

<213> Aspergillus nidulans

<400> 26934

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tggatcgctg atgagaaccg ggaaagcata gcaacgtcaa aggcacccac acttatcgat 120
aacctcgaca tagtcttctt cgaggaccgg gcgcgcttcg acggggcctc gcgcgacgaa 180
ctacgggttc atttcaagga gtggcgagca gaccagtta ccaggctggg acctgcggat 240
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cccgaattga tgggttcgag gtttcaacag tttatcgagg ttgatgagga gtcgctacac 360
agtatgcgcg aggggttcga cgagcccggt agaccgtacg ggaccggaca tggtgatttg 420
gtgtacgctg attggccgca tgacctagag gactctgatg aggatgaaag ccaggaggag 480
tatgaagatt atgaggtctt tgagccatt gatgggtgta cagaggagaa tgtggggtgg 540
atgaaggtgg tggctactgg gctgggcccgc cttcttctt cttgtcgtat ggcatcgaat 600
ggtggcaaga aagttat 617

<210> 26935

<211> 213

<212> DNA

<213> Aspergillus nidulans

<400> 26935

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ggccttctgc ctctggttcc ggtggtctcc cttgggtctg tgtcccgttt gtgggggtgcc 120
ttgtgttttg ggcgtgtccc cccctgtgg ggtttttccg ggccggtcct ctttgcgggc 180
cccccttttg tttggcccgct ctctcggggt taa 213

<210> 26936

<211> 875

<212> DNA

<213> Aspergillus nidulans

<400> 26936

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gcaacgtccc tcacaagtca atacctcggg gctgatgcc cttggtacac ttcccgaatc 120

ccgctattcg aaacctcggc ctcgtcaatt gaggaagtct actattaccg ctgggtccatc 180
 ttccgtgcac accagcgcga tctaggatcc cttgggtata tatccaccga gttcatcaat 240
 gacgtctcgt ggcagacttc cccatggggg attttgattg atgcagccaa cttccatctc 300
 cgggaaggac gctggtgtcg agaccgtcgg ttcaaggagg attacgctga tactctcttt 360
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 tacctggtgg acggagtgat tgacgatgcc gtacaacgtt tagaggctat ggtcagtgtc 480
 tacgaggggt ggagcgacga aaatgcaacg ggtggcgttg gcggctacga tgagagcaaa 540
 gggctctact ggatccagcc cttggatgat gcgacagagt acacgatctc tagcatcgac 600
 gcgagcggtg ggtatgatgg gttttttggg ggcgaggcgt tcaggccgag catcaacgcc 660
 taccagttcg ccaacgcgaa agcgatctca aatctcgcag cctcgtcggg caacgaggat 720
 ctgcgagcgc agtacaacgc caaagcagaa actatcaagt cccttgtcca gcaatatcta 780
 tggaacacta ctttcaacca cttcatcgac cggttctacg tcaacaatga gaacgtcaca 840
 tactgggatc cgatccgggg acgagagcta gtcgg 875

<210> 26937
 <211> 321
 <212> DNA
 <213> Aspergillus nidulans

<400> 26937
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 agatcgtctc tctcgccaaa tgataagaca agcgaactgg gtactcaaga actgggtctc 120
 acggaaaagt tggatttcgt ccaccagttc ctgcaggaaa gccagatcac ccttccaacc 180
 gccctgcaaa cagcatgggc tctgacgctt cgctgtttcg tgtcttgcca tatectctcg 240
 ttcggctatc atgccagcaa tcttgacggc catgaagaac tggctctcgt cggccgagtc 300
 gacaacaccg agaccattgc g 321

<210> 26938
 <211> 767
 <212> DNA
 <213> Aspergillus nidulans

<400> 26938

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caccctccgc cgaaatccaa gtccgcaccg aacaagtcgc cgcgtctccg tctttctca 120
cggctggtct tgcagatcca gcaatcgctc caatcccggtg cgatcccgat tctggagctc 180
taccagccgt ccacatttgg gaaatcgatt gcgctgccag atgggagcag gaaggtgcat 240
gggcgggata tgtatgtgac tcagagcgag atgtatacgc acctcaaacg gccaaagaaag 300
agagatgcgg tggatgggta cggaactggg tatggacatg ggtatggaaa tgcgtatggg 360
catacgacga aaccgcgctc ggggtctgga gggtcacgct cagtgtctgg gtcagcgtat 420
agctcggcag ccagcagtcg tcccaagtcg agatccagcg gggccagttc aggcgatgag 480
ggtcagggcg agtgcaaggc caagttcagg gctagacgga agagcggaaa cgatgccgac 540
ggcgaacaag acgatgtcgt cgcgatgata catacctcac ccaagtcaac ggccgcagac 600
gcacaactct tctttcccca gaacaaccag acctgggaaa cgacctcgtc caggcccggg 660
tattatcgat tccagagcga tgggagctcg gtagtattcg aatgggagaa acgccctccc 720
tcgcgctcgc atccttctag tgccgcggag aatgatgacg gtgagag 767

<210> 26939
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 26939

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ttgcgtaaaa agacatctct gagccagagc cagacactta ctgttgatgc cgatcttgat 120
gccgacgccg atgccgacgc cgatgcagac gcagaatctg aatctgaaga gcagtctgtc 180
tctgggacat ctgcatccaa gggagacaag gtgggggagg acctcgactt cgatgatgtg 240
aacacaggcg aggctgatga tgactttggg tcaaggtag 279

<210> 26940
<211> 360
<212> DNA
<213> Aspergillus nidulans

<400> 26940

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taccatttta aaccacccgc atcgctaaat ccaggacacg gccaaagtcag caacattcaa 120
aatagcagca gtgacggcct ccaagaatcc tattactctg gaaacattca gggcagcgat 180
ccacgagcga gcaacatgca aggccaccgc caacctcaga ctacggccca gggacggtat 240
ttctcagcat ctccagctga ggagattgat gactttgatg atgaatacga cccagagagt 300
ctagatatcg gagctggcgg aaatggaagt ggtatgaggg agtggagtga gagggattaa 360

<210> 26941
<211> 402
<212> DNA
<213> Aspergillus nidulans

<400> 26941

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atcgctgaac tcgtggactc aggccatta tttgctctgg ttaccgaagt tagcgccaga 120
gaggctatgc gagaccgct gctctctaca acgggaagaa tcatatccct tcatagctc 180
gctcaggaca cgttgtacct cgagaaaccc gctaaggcac tccgttgtct gtgtccacca 240
aaattcaaag acagcttttag acatacgatg cgtcgccaat ggagcatagt cgggagcggg 300
cgaccacttg agattcagaa atccgagcat gtgtttgcaa caattgagcc gactgcaaat 360
gcattctccc tttgcatgat gcagctttgg cttttgcact ga 402

<210> 26942
<211> 459
<212> DNA
<213> Aspergillus nidulans

<400> 26942

atggctgccg gaaccgcaac attctccttc ctgctgcaag tctcggctgc aatctccatc 60
gtaatcggca cagttatcta ccaaaatatg ctgctcgaca aagcctccac catcgagcc 120
gcggtgggcc cagacacggc gcaatctctt cagaattcct tcgccgcaa caaccacgac 180
cttattcgct ctttgccga tgatcaaaaa cgcgtcgctc tttctgcatt cacttttgcc 240
ctctctcgga tttgggtctt ttatacagct atcgcgggcg ttgggttgat cgttagtgtt 300
tttgtcaggc ctgctgctgct gagcaagacg catacggttg cgaaaacggg tttagcggag 360
caggaacgcg ccaggaagga gattctggaa gcgcaggcta aggcacgggc tagtaataat 420

aataataagg aggtgcctga gggcaaggag aaggtctag

459

<210> 26943
<211> 402
<212> DNA
<213> Aspergillus nidulans

<400> 26943

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cctgtaattc gtcctcgcg caacagtctc ggcttcccgc cgaactcaca tcccgaggaa 120
aaccttgtcc ttgtgctcgt ctggaactac tggcctggcg gggcctactc aagagcactg 180
cgtgacggta cgcgggcgct gtccgaggaa attgacgcgt tggccaggag cgaagggctg 240
gacgagcggc ttaggtatat gaattatgcg gccgagtggc aggatgttgt ttctggatat 300
ggcgaggaaa gtgtagaaga gctttggcgg gtttcaagga ggtatgatcc aaggggtatc 360
ttccaggaga gggcgcctgg ggggtttaaa ttgcccaggt ag 402

<210> 26944
<211> 342
<212> DNA
<213> Aspergillus nidulans

<400> 26944

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gagcctcagg caccgacagc atcgcaactcc agctcatcca aaaacaatcc gcaggagaaa 120
gacagacaga atgagggcgt ccgcgatgtc gaagaccagt ctaacgatgg cgactcagca 180
cccgactacc aggcgttcaa actcaactgcc accggccggc taatcttctg cgcgttggcg 240
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tccttccaag atgctattgt agcctttctt attaagaaat ga 342

<210> 26945
<211> 370
<212> DNA
<213> Aspergillus nidulans

<400> 26945

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tggctcttct ctctgaaaag gattaagcaa acccgactca gcacaaccgc cgctcttgtg 120
 tcatataggc tgccattcgg tacgtgcatt tgccaaaccc ccagattgac aaattgacgc 180
 tctaagtgca aaagggattg actgcgccgt ccgtgccgtc taccagctct tgaactataa 240
 ctttgttgaa tggacgcaaa atgtgctcga agagaatgga cgaaccgtcg aattgcacct 300
 ggctggtgct agattggtgc tgacggacga ctgcgagaat gtcaaggcaa taatgttcag 360
 ccaggttgcc 370

<210> 26946
 <211> 480
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 26946

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 ctggtgaaaag agactgtctg tctgcttgat agcgatccca ttaacatcaa aaatgactct 120
 ctggtcgacg agcttatcga aaagtgcgag ggagacggaa tcagcaaaca tgacatgtct 180
 ctcgggccaa gtgacaagat cgagtggata gctggtggtc ttcccaaadc gacagagatc 240
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 ccaatggtgg gtcttacctg caaggatata acaaagaagc actttgaatt gggttgcatt 360
 agacccggtg atgttggtgt tgggtggcaca actgttggtg ggtgcttgcg ttatcaatca 420
 tacatgggag gttaccctct gggggaactc catgagggag cgatgccgga cgctagataa 480

<210> 26947
 <211> 1050
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 26947

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 tccgcgatct cagcagccga atctggagca ggtcgagtc ttcttatcga ctctgcccc 120
 gagcactggg caggaggaaa ctctacttt acagctggag ctttcagaac tgtccatgcc 180
 ggcctaactg acatccttcc gctcgtggac aatgtcgacc aggagaaagc atctaaaacc 240
 gacgttgagc cgtacacacc ggcagatttc ttgggtgaca ttacgcggat ttgtgtcgga 300

cggtcagatc cccatctctc aaaaacgctt gtgggggata gcaacgatgc ggtcaagtgg 360
 ctagcagagc atggagtgcg cttccagttg agttttaatc gccaggcgta cgagattgat 420
 gggcggttca gattctgggg cgggatgtgt ttgaagacgc agaatggggg gaagggtcta 480
 attgaggatg aacgacacgc ggccgagaag ctaggcgttg aaattttgtt caacacagca 540
 gcgaaacggc ttattcttga tccctctact ggtggtatcc gctctgtgat tgtgcaaaat 600
 acttctacct ctatatcttc tggtccact cctggattgg agctcggcga acgagaaatc 660
 tttaccaaat ctgtcatcct cgccgctggc ggcttcgaag cgaacccccg gatgagggca 720
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 aacgaattta cgaaatcggg gtatccgttg ggacttatga ttaatgccga gggaaagcga 960
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 ctggcacagc cgggccatgt tgcgtttcag 1050

<210> 26948
 <211> 1024
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 26948
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 tacaatatgg tgcgggtgtt gtcagcagcc ccagagagat ggagcaagat atactgcctg 180
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 gagcatatcc ctgtcgattt cctgtctgaa acggcggaga ttgcgagtcg gctgagagag 300
 gataattcca aagtgtatgt caattatcca taaacttcaa gttgttgccg caactctctc 360
 accatgctca gagactacgt ctttttcttt tcgtacatgc agccagaaca ggaaggtaat 420
 gttctaggca tgtggtcgga tgcggaggcc ctgaccaagg tgaactgtac gaagcctctt 480
 tcctgcgttt tcaaattgcaa aatcgtactg agattacagc tactatgctc aataacttcc 540
 ttggtgctct ccaagaagca aacctgcacc caaacgctt cctcatccaa acaggcgcaa 600

agcactacgg cttccacatc ggccccctcaa caaaccctac cttcgagaca gaccgtcgag 660
 ttctgcttga gcaaaaacttc tactatcttc aagaagatgc gctggcagca tactgcgccg 720
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 cattcaatat ccaggatggc atgcccttca ggtggggacg gatatggccg aacattgccc 1020
 aatg 1024

<210> 26949
 <211> 627
 <212> DNA
 <213> Aspergillus nidulans

<400> 26949
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 tacgtgaccg gtgctcctac taccgaaact gtgaccgtca cctacactga gaatggcggt 120
 acctctacta ctgttgtcac ggccactgcc cagcccccg cgactactag tgctgccacc 180
 gaagttatta ctgtcactgt taccgagaac ggtgccacgt cgacgagtgt tgtcaccgcc 240
 actggcactg gcactatcca gacccccacg gctactggcg ctgcctctga gtatgagact 300
 atcacctaca ctgcgactga ggggtactgtg accagtgtcg ttacaaccac cgccacaag 360
 acctctactc gcacccagac tgtctacgca gtgcgtatcc actttcctct tgctgttaaa 420
 atgaagggtgc aatgttgact ataaatctag actccactg gcgcagacgc cgttggctct 480
 ggagctgaca caaccctcac ctccaccacc actgagatct aactgtcac tcctgtcgcc 540
 tctgaaaccg ctgggttagag actctgggtc tggctccagc tccggctctg gctcgggctc 600
 ggggtctgga gactcgagct atgagag 627

<210> 26950
 <211> 210
 <212> DNA
 <213> Aspergillus nidulans

<400> 26950

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tatgagcgat ggccatactc gatcatattc gcgtacaccg tccttcgtcc tcgaagccga 120
aacgttgata cgggctccat cccgcagcct ccgcaggtgc cagctgccaa ctgccaacct 180
ctcgcgtgca cgctagagcg gctaaactag 210

<210> 26951
<211> 760
<212> DNA
<213> Aspergillus nidulans

<400> 26951

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atgaggacga ggatagtagc gccgcagtct cgggtctggg actcattgtg acccgatga 120
tggaatcagt cctaaaaggc cactcaacat gcaaggaaat gcctgatcta aatatcggcg 180
aggtatacgc gacgtatacg aatgctctgg taagtatcac tgcctcaatc aaccaactaa 240
ccccaatcaa gccaaggctt tttaaagctc ggtaccatct cagctgactt ctggatattg 300
cttttcagca actcgaagcc cgaaaccacc caagcaagaa cctcctcctg gacatcaacc 360
tccttcgcca agaactcgag acgatcatag caaatatcgt cgaacagctc aagctcatca 420
ccggcctccg agacgatagc tcagggtcaag cggcagatga aggcctgctc ttcattgata 480
ccgagaatat aaacttcgaa ctctattca cctcttcctc gccttctcct tctccttcca 540
cattaaacgg caccgctcg aacaacgaag atatcgcca aatcgacctc ccgtcccag 600
ccatcctcca agcgatccac gccgagctac atgaacaaga agaagttttc acagaattga 660
ttaagcgagc aaacatcctc gagcgccaga tcgtgcagcg cgtcgatatc atccaagaag 720
accacgggaa agcaattcta gttttcacga tcgtctcggt 760

<210> 26952
<211> 258
<212> DNA
<213> Aspergillus nidulans

<400> 26952

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cgcgacacta caaccatcaa ccagaacaat ggccctcaaa ggagcacata cactggagca 120

gacaatgacg gcaacggctt gaaggctgac ccattgtgcc ttcaggtgga tattcccgga 180
agaccatgcc ggacctctat ggtcattagg ttgcccgtga ggaggaagat catgaagtac 240
gcgaatgtgg gatcataa 258

<210> 26953
<211> 281
<212> DNA
<213> Aspergillus nidulans

<400> 26953
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caatgattcc cctaaagggc aaccgacgca aaacgaggca gtcaatgcc gcctggaatt 120
cctcaaagtg cgcggactca gtctggcaag tgagatgcta cacgacgggg tcatcgataa 180
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<210> 26954
<211> 692
<212> DNA
<213> Aspergillus nidulans

<400> 26954
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accttcttcg cttccagttc tagtatcaac ggcaagaatg acagtctgta ttttctgatg 180
gcccgttcc ccaactcttg cgggtgaatca gagccgttgg atcgatctgt tatcgcgctc 240
gcaaccacgt tcctggcgaa aacaaaggat gataggtggc tggggcgtga gggcctggaa 300
atatataaca ctgcgctcaa ttccatgcaa tacgcactgc agcgaggctc ctcgccatct 360
cccaacatgc tctacgcaac aatcatcttt cacacgtacg aagtaagtct ctggaccaag 420
taggcaatac ctagttacca acacaatttc cagaccatga atggtgggga tgcctcctcg 480
cgaaactgtt tcacccacat ccaaggagca gccgctatca tgacacaaac caacttcaaa 540
actcaggacg tagacagtct caccaaagca atgctaacia gacaaaagtg ggctacagta 600
agttgcttgg cctagcttta taaacccatg actaatttta accaggcaca cttcatgatc 660

aataccgagt acggtcttaa tgcggaccgg gg 692

<210> 26955
<211> 325
<212> DNA
<213> Aspergillus nidulans

<400> 26955

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tgttgcgtcc cgttctcgggt tttccaaaat atatattctt accattgcag gtaccgacgg 180
cgcgacgacg cagaaccgtg ctcaacaggg attcgacatg gtttctatcg tctactgacgt 240
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tggaagcct cgcgacggat attaa 325

<210> 26956
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 26956

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acctacacgc atggcggtt gacagcgacc gaggcgtgcc agcggctgtt gaccatcctc 180
atgtgccctt gttccgatca ggctgaggtg gcgctcctgg tagcatccgg atgcatttcg 240
ctgatggacg tgattcatag ctctgccgggt tttgccagt gaaatcgtagg ccacgatggg 300
tcgggtgtcgt cttgcaacag cccgcccatt tctctgaac aagatcccct catacgggtca 360
tggtcacaac cgcagtcaat ttcgcgcagc tgcagcttgg ccagcgacag ccgaagtcag 420
gtcggcgatc tctccaagat tgccaagggtt attgtgcagt ttacagagag gtactgccag 480
gacgcgaagg gtgcgcttga ggcgcgctgg gagcatacca cttgg 525

<210> 26957
<211> 395
<212> DNA
<213> Aspergillus nidulans

<400> 26957

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gcagaccctg aagcacgcat cttcaacgac cagtactgga tttatcctac ttactcagca 180

gcctacgagg aacaaacctt cttcgacgcg ttctcatcgc cggatctcct gacctggacc 240

aagcatccag ccatccttaa cttctcgggc attccatggt ccaccaaccg ggcagcctgg 300

gcgccatccg tggctcgtcg ccgacgcca ggccccgcaa actctattac cgggtcaggt 360

atcgctgaca ccgatgctga gtatgactac ttcac 395

<210> 26958

<211> 297

<212> DNA

<213> *Aspergillus nidulans*

<400> 26958

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gttctgtttg tgcagatggt gttcagtgtg tgcactatca tcatggactg gctggacgtt 180

ctaagggtcc ttcgcaggcg tagccgaagg cgaagtcaaa atcaaccgca gtggattttc 240

aacgttagtg aaaacagaat gccaatgcc aaaaagcctc ctgcggctct agtctga 297

<210> 26959

<211> 228

<212> DNA

<213> *Aspergillus nidulans*

<400> 26959

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cacatcctgc agacagcaca gccgctggcc atcgatccg ccctaacggc gctctccagc 180

ttcgtccat tgccagcgat ctgctctgat gtctcagagt tgttctaa 228

<210> 26960

<211> 843

<212> DNA

<213> Aspergillus nidulans

<400> 26960

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cttggtcagg ataacgcaaa tgtagatata tcggcgatca ccaacaccct cgccgccagt 180
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aagaagaagc gtaaccgcac cttgaccca ttcttctgt acatgcatca caaccgggca 300
cgcatgtctg aagagctggg ccccgatgcg aacgcaaagg atgtctcaa cgaaggtacc 360
agacgtctgg cgaatgcc cgactcgaa aaggaggtct ggaagaaact ctatgcggac 420
aatcttgcgg cgtaccgga gaaggttget gcttataagg cgggtcttcc ttttgatcgg 480
gatgacaatg ataaggcagc cgaccaacta cacctagacg tcgcccgcgc cgaagcatcg 540
gatgaggagg aggaagaaga agaggatgag catggagagg aagaagagga agaggaggag 600
gagtcgcctg agcctgctaa ggaaccact ccccgccctc ccaagcgctc ccgtagcgag 660
ggtaagccat ccaaggatgt ctctctcct gtcgttgaga agaagggccg aaacgagtcg 720
ccggagaaga agaggcgcg ggcggttaag aaggacaagg aggagccgcg caagtctctt 780
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taa 843

<210> 26961

<211> 489

<212> DNA

<213> Aspergillus nidulans

<400> 26961

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agctcaccgt cggctgctac ccggaagact accagatcgt acagaatgac ctcttcgacg 180
gcctctattc cctcaaaaat gaccagatca gcaaccttca gcccggtacc tgcgagcgcg 240
ttgtctgcaa cagcaatgcc gccgtttact ggtgcaacga cgtacgttcc cacactgttg 300
ttctcttatt ctggcagatc agaaaagttg accctggtat acttatctgt gcagaatgaa 360

gatagacatg cggaggtcaa atccaagcag gtcggggatg ctgcgtggaa aatcatccat 420
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caagattag 489

<210> 26962
<211> 357
<212> DNA
<213> Aspergillus nidulans
<400> 26962

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ggatggcaag ggaagctggg tcgcgccatg attagcgtcg gtagaaacta ctggcttgga 120
gaagaggaag atggaaacgg ggattgggtg aatatgagcc atcgattccg cccagcggg 180
catggtagcg aacttccagg cgcccttgaa cgggagcgaa ggcggcgatc aggaactgga 240
ccgcctaagc cttctcaagc cgccgttcaa gcggcctctt tgcagcaacc ggcgcgggat 300
ccgctcccaa gccagggct gactgtcaag gtgcaggatt gggatgaggc taggtag 357

<210> 26963
<211> 459
<212> DNA
<213> Aspergillus nidulans
<400> 26963

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gacctctcca ctttcaacga cgccataatg ccgctcctca acctgactcc cccaagcgga 180
acccccgagg ccatgatccc gctcgtagac cagcgtctct cagctattgg ctctttcgta 240
tcaagctacc aaaccatgat gaatactttc aatatgaaca actgtgtcgg tagcgaatat 300
gcaggccttc aagttcgcca gacagatccg cttgacaccc tcgtgcaggc catctgtgct 360
attctcgagg gaactgatac gagcggattg ccgcaacagg ttatcgattt gatcgaccag 420
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<210> 26964
<211> 357
<212> DNA

<213> Aspergillus nidulans

<400> 26964

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gtcaatcggg cgtcgccaag tgggcggccg acgagctccg ttgggagtcc caggcagagc 180
cgtgcgaatc ccccggttc ttattcacca cacctgggat ctgctactcc agagcctgct 240
caggatgccc gtatggttga cggaatgacc tacgatgctg atgtggtcga caccaccgcg 300
cggactccga ggctcgctac tccgggcttc gagagcgctt ccagcgagca tcattaa 357

<210> 26965

<211> 1818

<212> DNA

<213> Aspergillus nidulans

<400> 26965

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agtgaagggg cagaagctag gatgactgag gaggagaatg acgggaagaa agagacggag 180
aagagaacgg aaagctcacc ggacgtgcca aaaaactctg aagatgaagt gaaagaggac 240
cggagagtaa atctcggggg aagatactat aatttccagg gctttatgaa tcgaactgtg 300
ggggacgact gggattatac gattgaagtc tgcacgccc ggcccaacct tctggaagag 360
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aggcctctga tggccgaatc tccggaaaaa attggtgaaa accgcaagtt gcaccgggtg 480
cgcataagat cgccaacagt gctcagtcac ctcgaaacgtc taaccgcaa gctgggtaac 540
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 cgaccacaca cgcttaagac caaagcccat ttggacaaga tcgggaacaa agaaggcccc 1740
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<210> 26966
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 26966

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 attcttcaaa cacaactctc ataaagttat atcggttgct gacatatgtg tagtgcgccg 180
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 cgttctcgaa gctgcctgtg aaagtacgag actgggtatg ccgtcctcat tccaagcccc 300
 ttgctcactc ctcccacaaa atataaagaa aaaaggctaa cagataacaa ttgcaggtcc 360
 gccagatcct cctcatgccc ggcgcggaatt cagccttcgc catcaacggc aacgtcgcct 420

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acggattcgc agcgtttggg gagaatttaa gct 513

<210> 26967
<211> 347
<212> DNA
<213> Aspergillus nidulans

<400> 26967

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gacgcttgag agaaggatatg tccagtctga accctgtcgg cgttgctgat agacggagta 180
ggcattgatc ttgctctgta tgagatgagg agcggccttg agtatcgtgc ttgttcgggtg 240
ctggctgagt gtttgcggtg cattgttgat cagaccagtc ggtgcttggg tgtggatgag 300
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<210> 26968
<211> 530
<212> DNA
<213> Aspergillus nidulans

<400> 26968

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ccctcaatct atatcctcaa actcatcgc agacttgagt acatttggca tggccctgaa 180
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gcgcatgttt aggtaaaaaa tacgccatat gccataccta caccggaagc gtatcaagtg 300
catttctcgt ctgcaacgca catcaagcag ctgatccagg caccagatac gcatttatca 360
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ttacatccac taacagcagc cagatgtttc agccacaca caccatggac ggactcgcag 480
ttgacgattg catgagcgcc aacggcacca ttcaccagcg cgccctttaa 530

<210> 26969
<211> 351

<212> DNA
 <213> Aspergillus nidulans
 <400> 26969
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 cccgctgctc ctatccacca tacttacttc tgctacaacc atgcgttact attcacagag 180
 ctttgggact gcttgttggg tcacggcgcc caaaaacctc cggacgacgc aatgataaac 240
 accttcgacg aacgtgtgga atcattacgc tggcaagttc cctcattttt gcagtggaaat 300
 ccagctacgg tcctatcttg cacactcaga ttaatgccct ccaacattta g 351

<210> 26970
 <211> 295
 <212> DNA
 <213> Aspergillus nidulans
 <400> 26970
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 tcgcagctaa aaaccgatg ttgcatttct ttttaaagcc ctcttatttt cattgattta 120
 ccatccggtg cgaagtccgg tgcctaatat gagtatgtag aatgaagctg caaaggacat 180
 ccagtgcgtt gtatgccggg ccacatttct caagaccacc aggggtccgg cgctcactga 240
 gcatgcggcg aacaagcaca acaagacact gcaagattgt ttccaggctt tgtag 295

<210> 26971
 <211> 282
 <212> DNA
 <213> Aspergillus nidulans
 <400> 26971
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 gtcgaacaaa cttccgagtc agaggatcct ggaaacgaaa cccgcactgc ttgctatacc 120
 aatggacacg accatggcga agaagagctc acccctgttc cacaaaagaa ggcaccgtgc 180
 aagagcctcg ggcacacgta tgacattccg gacgcccaaa gcaccagctc cccggaaatc 240
 gggaggggga aggacagcgg tatcccacag atacaatctt ag 282

<210> 26972
 <211> 258
 <212> DNA
 <213> Aspergillus nidulans

<400> 26972

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 gggattgtta tgcaggcctt tcgtaacgcg attttggcta ttctgcagac cccgtctgag 180
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<210> 26973
 <211> 288
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 26973

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 gtcattctga gagagcttga ccccgacgac gtgggcgtcc ttaccgtggg aagtctgcag 180
 gctgggcaga cggagaacgt catctctgat aaagcagaga tcgggatcga ctttcgctcc 240
 gtctcgctcg aaacgagaga gaagatccta agctgggtct ccctatag 288

<210> 26974
 <211> 1380
 <212> DNA
 <213> Aspergillus nidulans

<400> 26974

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 aacatttccg agggcaccag cgcaattcct ggcaacgagc tcgggattta tgcgtttggt 180
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gctcccacga cgctggataa tgccggacct gagtctacgc ttgacttggc aatgtcatac 360
 ccgattatct ggcctcagaa tcccattatc tttcagacgg acgatcctat ttgggcggac 420
 atcaataacc ccaaatttcc aggcatcttc aataacttcc ttgacgccat cgacgggtca 480
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 aagctgggcc ttcaaggagt ttctgttggt gctgcgtctg gaaacaacgg cgtggcgact 720
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 ccgggttgca gtacggacgg gtttacagcg cttgagggct gggaccgggt tactgggctt 1320
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<210> 26975
 <211> 324
 <212> DNA
 <213> Aspergillus nidulans

<400> 26975

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 ggtttgcaac agcccgcgcc agtgataaac gcgcccagc attccattcc ggaaacacca 180
 gctagccttg acaccaagaa cgcccctgcc gaaacacctg ctacttcagc tcctctggct 240
 tcaagtggcg gggccacaca gggctcttggg gggccggtg gcactacgat gccttcagtt 300

caacaacctg atgggacagt ctaa

324

<210> 26976
<211> 411
<212> DNA
<213> Aspergillus nidulans

<400> 26976

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gatttacaga ctattcctcc ttttccagat cttcctacca tgtctatacc gaccttgact 180
ctcccaacca gtatatctct t ccttccctc ccaagcattg cgattcctac gcttcctacc 240
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actcttatgg ctgccgcacc taccgctggg ccagatagca acaccacgca ggtgcttaat 360
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<210> 26977
<211> 252
<212> DNA
<213> Aspergillus nidulans

<400> 26977

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gcagacgcca ctgaaactcc taaatacgga cgttcgaaga ttcttggaga gggatgatac 180
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ggtttggagt ag 252

<210> 26978
<211> 663
<212> DNA
<213> Aspergillus nidulans

<400> 26978

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caattcgtca acaagggcag tcaggcacat acctcccact accaaccgcc gtaccctcct 180
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gattcccccg cgcaagggtc gccgcccattg accaaacgtc gcgggaggaa gctgcaggag 360
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tga 663

<210> 26979
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 26979
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gccggtacac gccagtttgt cctcagggg aataagcggg ctagggagga tggcgctgat 180
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<210> 26980
<211> 430
<212> DNA
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<210> 26981
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<400> 26981

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gacgtgggat acgactgttc cggccttgtc tgctgggcag tgtgccaggc aaccggccgt 240
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<210> 26982
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<213> Aspergillus nidulans

<400> 26982

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gtaagcgggt ccaacattac aaagtcattt gtgtga 216

<210> 26983
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<212> DNA
<213> Aspergillus nidulans

<400> 26983

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 catttgctga tataa 315

<210> 26984
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 <212> DNA
 <213> Aspergillus nidulans

<400> 26984

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 atcgcacatc tttaagaacg atatctaata ttatgcttag gcactatgtc tctgtccatt 180
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<210> 26985
 <211> 363
 <212> DNA
 <213> Aspergillus nidulans

<400> 26985

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<210> 26986
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 <212> DNA

<213> Aspergillus nidulans

<400> 26986

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aagcaacatt tcgtccttgt gcccatcatg tacacgacca cttcggacga tgccacggcc 240
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<210> 26987

<211> 213

<212> DNA

<213> Aspergillus nidulans

<400> 26987

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<210> 26988

<211> 281

<212> DNA

<213> Aspergillus nidulans

<400> 26988

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gcctcacttc ggaaaccatc cctgatgatg ttgacgcaac ggatctttcg ggcgcgggta 180
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<210> 26989

<211> 240

<212> DNA

<213> Aspergillus nidulans

<400> 26989

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cgggaggaag tatactatgt ggctgctaata gctcttgaga tgccagccca attggaagaa 180
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<210> 26990

<211> 300

<212> DNA

<213> Aspergillus nidulans

<400> 26990

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gccgcctcc gcctggagga ggatatggaa actgtcgctc cgactgtaac tggcaacacg 180
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<210> 26991

<211> 207

<212> DNA

<213> Aspergillus nidulans

<400> 26991

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gcgatgctgg agcagactgg ctttgatgtc gatgaggaga agagagcgga ggctgttgcc 180
gtgcatgagg agtcccagcc gaaatga 207

<210> 26992

<211> 430

<212> DNA

<213> Aspergillus nidulans

<400> 26992

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<212> DNA
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<210> 26994
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<212> DNA
<213> Aspergillus nidulans

<400> 26994
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<210> 26995

<211> 351
 <212> DNA
 <213> *Aspergillus nidulans*
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 <213> *Aspergillus nidulans*
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 gctggtttcc aggggtttgg tggagaggaa gaggaggaag gagagggagg aggagatgaa 420
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<210> 26997
 <211> 438
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 26997
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<210> 26998
<211> 586
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<213> Aspergillus nidulans
<400> 26998

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<210> 26999
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<213> Aspergillus nidulans
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 <211> 438
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 <211> 607
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 <213> Aspergillus nidulans

<400> 27003

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<211> 517
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<213> Aspergillus nidulans
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<210> 27006
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<210> 27007
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<400> 27007

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<212> DNA
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<400> 27008

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<210> 27009
<211> 387
<212> DNA

<213> Aspergillus nidulans

<400> 27009

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<210> 27010

<211> 584

<212> DNA

<213> Aspergillus nidulans

<400> 27010

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gactttgcgt tggccctctt cccggttggt ctcttcgcta gaatccgtgc aatttcgatc 540
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<210> 27011

<211> 945

<212> DNA

<213> Aspergillus nidulans

<400> 27011

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<210> 27012
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27012

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<210> 27013
 <211> 381
 <212> DNA
 <213> Aspergillus nidulans

<400> 27013

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 <213> Aspergillus nidulans

<400> 27014

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<210> 27015
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27015

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atgaagctca attggattcc atttggtcac ggatgccggt cttgccctgg atcaaattctt 180

gctctcactg agctgaagta catccttgga acactcttca gacgtttccg ggttcagttg 240

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<210> 27016

<211> 444

<212> DNA

<213> *Aspergillus nidulans*

<400> 27016

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<210> 27017

<211> 243

<212> DNA

<213> *Aspergillus nidulans*

<400> 27017

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243

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27018

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<212> DNA
<213> *Aspergillus nidulans*

<400> 27019

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<210> 27020
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 27020

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 <213> Aspergillus nidulans
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<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 27022

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<210> 27023
<211> 896
<212> DNA
<213> Aspergillus nidulans

<400> 27023

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<210> 27024
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<212> DNA
<213> Aspergillus nidulans

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<210> 27025
<211> 656
<212> DNA
<213> Aspergillus nidulans

<400> 27025
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<210> 27026
<211> 887
<212> DNA
<213> Aspergillus nidulans
<400> 27026

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<212> DNA
<213> Aspergillus nidulans
<400> 27027

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<210> 27028
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27028

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<210> 27029
 <211> 339
 <212> DNA
 <213> Aspergillus nidulans

<400> 27029

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 gtcatttgct ccggatcgct ggccaagaca accgactcgc tcgacaggct tgcccaggcg 180
 cttgggagag tcgatgtcgc gattgttggc cgacggattg gcatgaagag ccatacgctt 240
 tggctctgaag tccttgagat cacggaagac gcacgagtct gttcggcaga tctcatcctc 300
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<210> 27030
 <211> 264
 <212> DNA
 <213> Aspergillus nidulans

<400> 27030

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aaaaccgttg caaaagcttt ggctgctttc attaccattg ctggacacga agcacaaagt 180

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gtcaagttct gccacaagtc atga 264

<210> 27031

<211> 751

<212> DNA

<213> Aspergillus nidulans

<400> 27031

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gatacgcagg agtacgtgga ggagattagg gacatcccta cattaatgta cgcgatcaga 180

gtcgcaatcg tggatcggga aaagctcaat gctgtgagaa agtttggtga cgaaggagta 240

gaagagctct actatctaga gggaaaagta agtgccctcc ccaccatatg taccactaca 300

ctaacatctt ccctagatcc ctgagataat gaccgattc gtctacagaa cctctcgctg 360

gcagtttctc acgtatctga acgaaacaat gcaatcccta gatcaacaac aaaaagagct 420

cgaaacaacg ggccaaacac agccagattt agaaagcaat atccaaaatc tccggcgcaa 480

acaagaatac ctctcccggt ccatctccac agctgagcgc catcttatcg ggcccacggt 540

gcttcgagtg caagagctgg agcctactga gaaccagaaa catgcatcaa cttcagccgc 600

tgagctgctg gatctcacag cgggaaatag gaggaatagc cttatatcga gagtttcaag 660

caggtttacg ttcaagccga tggacaacgg gggtcgtatt aagggaatcc ccaaggaggc 720

agagattggg catgattttc atatctattg a 751

<210> 27032

<211> 493

<212> DNA

<213> Aspergillus nidulans

<400> 27032

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 cttccccgga ccagacggc gcagcagggt tgggtttctt ttctttcttc tctttctgtg 180
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 cgcggtatcg gtcgcgttct cgatagtcgc ctctgtatct atcatggcct tgatcacgat 300
 cccgctcgcg atcctgggtct cggtcatacg gccgacgagg agagcgattt cggtaccac 360
 gatctagtcg tacgtcgctt tcattctggc tatccttggt tgaacgcttg tctttccagc 420
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 caacgcggcc agg 493

<210> 27033
 <211> 354
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27033

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 tgtgattcat tgactggccg acctgtactg acatcaacgt gaacagcctt ccagattttc 180
 ggcctcccaa aaaccatcgc cagtcagcag atggcagcat tcgggtccgc catcggcggc 240
 cgcaacatgt cccttggcac cctgataatc ctcgcgagct actacctgac ataccagcag 300
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<210> 27034
 <211> 445
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27034

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 gaagcctggc agcgtgactt ggactttgcc agtggcgaat tacgccgcaa tgttgtctgg 180
 cgtaccagca acggctcagg ttacaccatc gccagccgtc gctttgtttc ggcagaccaa 240

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 atttcaacag gcattgacgc cacgcaaacc aatcacggtc gccaacatct cgacgaaacc 360
 caggtgctggg tgttttgtca gcatctgatg caggggagct acaccacca ggatggacgc 420
 agtgatgtgg ccatcagctg ttgct 445

<210> 27035
 <211> 875
 <212> DNA
 <213> Aspergillus nidulans

<400> 27035

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 gggacagtct gcggcgatgg cgccgtctgc tgtccaacag actccgggtg cgctgcgccc 180
 atcgaggcta accctcactg cgcgacaat gccacctggg atctgtacca gctcgacggg 240
 tacctttgct gcgatagcga cacgaatggc ttctcgttct cggggcttgt ctataatggc 300
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 gtcgggctaa tatgtggttt cgaaacatag gaaatgaaac agacaccgat tcctcatcgt 480
 cctccatgcc ctaccaaca accacacct cgacaagccc acggcccgac tccccactg 540
 catcagagac caacctaaac tccgactcct cttctcgtc cacaaacgca ggcgcaattg 600
 ccggcggtgt cgtcggaggt gttgccggat tagcccta atgtcgcgtt atctgggtccc 660
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 ttaacggagc acttcggtgc gacctgcaa agggtcagta cgctgtagct cctgcggagc 780
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<210> 27036
 <211> 249
 <212> DNA
 <213> Aspergillus nidulans

<400> 27036

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ggctctgattt tcagtacgct ctctctgatg ctgcgagtgt acaccaaagc tgcactgctg 180
cgcaagttcg gatgggacga tagtgagctg cccggcgccc gtgtttcttt cctcttctct 240
acttgctaa 249

<210> 27037
<211> 244
<212> DNA
<213> Aspergillus nidulans

<400> 27037

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cgttccatgc aactgctggc gcgtcagggc atcgacctgc ctgtcacggc cattgcgcat 120
tcgccgatg ataccagcga tttaatcgac atggctcggg gtgcgccgct ggtggtcaag 180
ttggttgag gcacgcaggc aattggcgct gtgctggcgg agacgcgtca ggcggcggag 240
aagc 244

<210> 27038
<211> 314
<212> DNA
<213> Aspergillus nidulans

<400> 27038

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ggcagtgaga aggacgagtt tacggccgct gagatagcag agcacactgg agctgaccct 120
gttcttgtgg gtatgaattt gtttttttct tccagtacaa atagtggctg atagtctgct 180
acagaacgcc taatgcgccc tttgatectg gctcgtctct tcagccctac ctcaaacaat 240
acttacaagg cgcaccaaag tgcccacgac ctacgcgccg gtgcatatgt gagggacatg 300
ctcattttca ctca 314

<210> 27039
<211> 606
<212> DNA
<213> Aspergillus nidulans

<400> 27039

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ggcgtcacag aactgaccgc ggccaagctc gtcaatgtgg ccgtcattac agccagcgtc 120

gggctgactg tcgtcagcga gatccagttc tcctggggtg gtgtagcggg gcagcttggt 180

agtttggttt gtgatgctct caggctgggtg cttatgcagg ttctcacttc cacctcttcc 240

tctttgtcct cgctacatt ggagacgcat aatgcagaaa cgggcgaaga gcccggtcca 300

ctcggcaccg atacactgca tgaaacgagc tccaaagacg aggaagaggc atcgacaagc 360

gaaaacacag cccggggaca gagccagagc ctgagactca ccaatatgga tcccctcctg 420

agcctttact acacagcccc catttgcgcc gtgatgaacg gcaccttggc gtggaggacg 480

gaaatcctcc cactcctgct ggaccaaatt gacccaact cgtcgtctgc ctgagaggca 540

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gcagtg 606

<210> 27040

<211> 228

<212> DNA

<213> *Aspergillus nidulans*

<400> 27040

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gccggcgctg gagcccagac ggcttgcttc aactacgtct gcaactcgctc aaccctcttc 120

ctcaaaccag ggttcgtccg gcaagcagcc ggagagtgtt aagctagcta ctggggacaa 180

tcgtaagctt gactctgcct caaacgagct tttcaaaagt gccgaatg 228

<210> 27041

<211> 239

<212> DNA

<213> *Aspergillus nidulans*

<400> 27041

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gcagcagcag cttgcagtgc agttccaagt ttgggaatag caagatccgt ccgtgcacta 120

gctctaagga gttcgacagc tcccacctcc ccttcggcag cggcacttac gaggggatat 180

ccactggggtt cattataaat gaacgaatcc gggctctgcac caagtctgag gagaagtga 239

<210> 27042
<211> 450
<212> DNA
<213> Aspergillus nidulans
<400> 27042

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cgaattcgag agcattcgcc ttggcccttt ggctggaata gcgtttcggc ctagcgatag 120
tgtccgatct cgtcacagag tttaccgtgt gtatcctagt acgggtacgc gctgcccgat 180
attagtcgga ccagccgtgc cggaaccgat tttgctatgt gttctttctc cgtccaggat 240
atgcccgtgt agaagtattc gtccgataag gaagcagatg accacgccac cgggcaccag 300
cacgcgagca tggtcgagtt tgaaatcgac gtcttgggtg gccgtcagca gcaaccgcca 360
agtgagctga gtgtgatccg acttgagctg caagtaatcg gtggatttca atcttctaga 420
ttatccatga gctggatgac aatgagctgg 450

<210> 27043
<211> 385
<212> DNA
<213> Aspergillus nidulans
<400> 27043

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ggatggggag ggtttcgcagc acgggttctc cgacgaagac gaggatattt cgggcgagga 120
tgacagcgaa gacgatgaag atgctaaaga agaagaagaa gaagaagaag aagaagaaga 180
agaagaagaa gatgacgagt ctgaagatga agaagaaaag accgcgaagc ccaaacgccg 240
cgtccagttt gcgaacgcca aggtcgcaga cacatcagac gaccgcgcc aacttcgtca 300
actattggcg acagaccaaa aaactatcgc agcaaccatc tctcaagctg caaagagccg 360
acgcaacaaa aggtcgtgcc gttaa 385

<210> 27044
<211> 449
<212> DNA
<213> Aspergillus nidulans

<400> 27044

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cttgagccgt tcatgcggtc tctggccatc actgactacg actgcgaaaa accgaggaag 120

aagcgttttg gccatatcct attcctgaat caatccgatg gcaagagatt tctgggtcat 180

catggagaag aacggcgagc cgggaggcgg cgtcccttat ccaagctgaa cttactcgga 240

tctcaggtac tctgcaaacc gagccaccgc aaaccggacg aattcgacct tcgagccctg 300

gaaaacgagg tgcaggagcg aaccaaccct tcccgcataa tcgaagagga aggggggtca 360

gtttcgttta tattgtcaac ggctagctgt gggtagactg tgtttggtga caatgagttc 420

tcctacgtgc cagaggtgga actccaaca 449

<210> 27045

<211> 348

<212> DNA

<213> *Aspergillus nidulans*

<400> 27045

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aacgctgagc cgcgcagagt gaccaaattc gccgtcaagg accctcgca actcgccgtg 120

cagaggttcg acatcgtgtc ttatcgatgg ggcgaaagaa cagagccatg gagctgcgct 180

gagccaagcg agaactgggg cgggcttccf ggggttacat ggaggattaa ggtttcaaag 240

gcaaagatga aggagctgct gcggctgatg gaggaggcag ataaaaagt cttatgggcc 300

gactgcgtgt gtattgacca ggagaacgaa gcggagaagt cggccgag 348

<210> 27046

<211> 212

<212> DNA

<213> *Aspergillus nidulans*

<400> 27046

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acggccgtca tgccgggtgc cgttgatgtg gacgatccag ccatgtggac cctctcttgg 120

cggttcatca tctcggacaa gtccgtctcc ggtgccgggc ctcagaaggg agagtcaggc 180

gtcccagctc tggggcatag agctcgccct at 212

<210> 27047
 <211> 466
 <212> DNA
 <213> Aspergillus nidulans

<400> 27047

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 tctagcgggc atagctcctc cagcgccggc gtcaggaccg gctctacgag acgcggtatac 180
 ggtacgagca actacggcca tagcagtcac ggcagccggc gccacggcct cttccgaaac 240
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 gcagagagag ctgcggacca agcgctccgt gcaagccggc tggcagtcca ggaggcgagg 360
 actaacgtga gagagttgga acgggatgag aaggaggagg cgcgactcgc caagttcaag 420
 caaaaggaag ccaggaatat ctogaagaga gcaaaaccgc ttggcc 466

<210> 27048
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans

<400> 27048

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 ctgggcttgc cgaatcacca ccatcattat agctctgtgc ggtctggtgc gatcgggctg 240
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694

<210> 27049
<211> 291
<212> DNA
<213> Aspergillus nidulans

<400> 27049

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caatgtcggt cgacgcttct accccatgtc gacggggggt accagcagat tttgcaggtc 180
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<210> 27050
<211> 322
<212> DNA
<213> Aspergillus nidulans

<400> 27050

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cggctctgtc tggacctagt gcaagtgttc gtaactgtaa ttttaagaat attcagggca 240
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<210> 27051
<211> 440
<212> DNA
<213> Aspergillus nidulans

<400> 27051

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<210> 27052
<211> 522
<212> DNA
<213> Aspergillus nidulans

<400> 27052

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<210> 27053
<211> 617
<212> DNA
<213> Aspergillus nidulans

<400> 27053

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tgagatgaa caatacaagg agagatagtt cgccgtatct ccaggctggg acgccaggaa 180
gtgcatttgg cttaagggca gagcggggca acgattatga tcacgatgtc cggactctgc 240
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27054
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 aacctatgc gcttctcgt ctccaagccc agccccacga acccatctac aaagatccca 240
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 gagttgaaga ttaagaggga ggaccggggg agcggagtta ttgacggctg gaaagaagag 960
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<210> 27055
 <211> 225
 <212> DNA
 <213> Aspergillus nidulans

<400> 27055

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 ccagatgttt tgcagcaatt caacaaggac ctggacgcca taggcaaat ggttccgaca 180
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<210> 27056
 <211> 358
 <212> DNA
 <213> Aspergillus nidulans

<400> 27056

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 tgcgccgcct attgacccaa caacacaggg aactgctggt cagtttctca acaagtccac 180
 caccctgtg tccgggttcc aggatgagca gactggttat tegtacgtg tagtccgtct 240
 cactgccaag ggtgaccggg ctctgttcga cctctgccat aacaatgtgc agagagaggt 300
 gtggcgatth ccctcatacg agtttgttgt tctgtttggc gctctcacgg tgaaacag 358

<210> 27057
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27057

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 gctagcgcca ccatcagcag cgtcgccagg aaggccacca ccggtgccag cggacagggt 180
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<210> 27058
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27058

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 aacaacctaa actatacttc caccgcgagca ttgatcttt tagcccatcc cgtcgtgaga 180
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<210> 27059
 <211> 398
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27059

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 ggcagggatc acctacgaga ccatcgaccc atcacagacg cccgcaccgg caacttcaca 180
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<210> 27060
 <211> 421
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27060

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<210> 27061
 <211> 420
 <212> DNA
 <213> Aspergillus nidulans

<400> 27061

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<210> 27062
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans

<400> 27062

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 ttcatcatgc agacgaaacg cattgattct cttctggata agctgcacag tatcaccatt 180
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<210> 27063
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27063

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ctggagaacc tgacagagtg ccgccatccg gttttgctcg atttctcgtc ccatgggtct 180

ctaaatgcct cggaagtgtc attcagagtt ctgcctgca caatagagga gaatcgggac 240

ccatcttccg tctctccgct tgctactcgt gagctggaag aacaaagtcc atcaggctct 300

acggacgatg atgtgtctca gtcccaagaa atccatctat ttttagaccg tttgcagaca 360

gtcgtaaacc agacgtcgaa ccacgacacg ttcagcgtgt tcgggagctg a 411

<210> 27064

<211> 231

<212> DNA

<213> *Aspergillus nidulans*

<400> 27064

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gctggtttcg gtagttctcg gatttgccgg tgtctgttgt tctggagtcg taagggcgga 120

gtcaaggcca cgatgggctt cgatgcaagt ttgtgcccac gtgttgccac gctgcgaaag 180

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<210> 27065

<211> 523

<212> DNA

<213> *Aspergillus nidulans*

<400> 27065

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aaagcgctca aatgagccta acattgctgg cgaagaggag actagcggaa agcgacggag 180

acacagtggg ggaaccaatg tggaactgga ggaagatgac atacttatgg atgatatgga 240

gatgccatcg cgagcctctt ccggtgagta ctcgctctaat gatgccgatg ccatcgacaa 300

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<210> 27066
<211> 666
<212> DNA
<213> Aspergillus nidulans

<400> 27066

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<210> 27067
<211> 354
<212> DNA
<213> Aspergillus nidulans

<400> 27067

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ttcatatcaa caaattacta atcattctat aatcatgcag actggcccga gaacgaaact 240
gagcaggcta ctgcgaacgg gaataacgta cacctgtggg aggagagctg ggatgatgat 300

gacgccgccg aggactttctc caagcagtta agacgtcact tatctactac ctga 354

<210> 27068
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27068

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<210> 27069
<211> 1851
<212> DNA
<213> Aspergillus nidulans

<400> 27069

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cagggatcaat tcgccccgc tgcaggggaat ctagacgcga ttgacagcaa gctgggggggt 180
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<210> 27070
<211> 851
<212> DNA
<213> Aspergillus nidulans
<400> 27070

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<210> 27071
 <211> 414
 <212> DNA
 <213> Aspergillus nidulans

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<210> 27072
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 <213> Aspergillus nidulans

<400> 27072
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gaccaggagt ttgtggatgc cgtttcattt gcagcacagc atattcagag gcagaaagcg 180
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<210> 27073
 <211> 234
 <212> DNA
 <213> Aspergillus nidulans

<400> 27073

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<210> 27074
 <211> 670
 <212> DNA
 <213> Aspergillus nidulans

<400> 27074

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670

<210> 27075
<211> 774
<212> DNA
<213> Aspergillus nidulans

<400> 27075

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<212> DNA
<213> Aspergillus nidulans

<400> 27076

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<210> 27077
<211> 246
<212> DNA
<213> Aspergillus nidulans

<400> 27077

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<210> 27078
<211> 267
<212> DNA
<213> Aspergillus nidulans

<400> 27078

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<210> 27079
<211> 370
<212> DNA
<213> Aspergillus nidulans

<400> 27079

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<210> 27080
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 27080

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 gatctaccgg tggttcgggc agtacgacaa cgctctcccc atcccggggc tgggcccctc 240
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<210> 27081
 <211> 335
 <212> DNA
 <213> Aspergillus nidulans

<400> 27081

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335

<210> 27082
<211> 501
<212> DNA
<213> Aspergillus nidulans

<400> 27082

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acggccggaa aacacaaaacc cagtaaagt gattttgtca acctcataca gcaatttcac 420
gaaatacttt aatgattaca tggactcgag caatatgcag ataagggacg agccgtgggt 480
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<210> 27083
<211> 656
<212> DNA
<213> Aspergillus nidulans

<400> 27083

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acaacccgta tacttcaggc agccgtgcac ccgtataccc gtacagcctg ctaatgctat 180
acattgctct attgtagaac tcccggtcgc gcccttgagg aatatctgaa tgaacactac 240
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aacgaaggct gggctgccac cgacgagcta gacggcccca gatacaggcg cagccgactc 360
tgcatccca gcgagcgtag gcgtatttcc agtattacga ccgtctacat gcagagtcag 420
gacgagtatc gagggcagta tcatctgcat ccgtatgggg agatcaattg cgtggtgcag 480
gtcgatcgca cagctgagtt gaaggggatg aatgggtggc aggcggccgg gtggacctcg 540

ccggcgccag gaacgcacca ctatcccgaa gtgagaggag gtgcactcgt tgcgctgttc 600
 ttcttgccgg ccgggaggat ctcgataaag gcgactcccg agatggcgca gccgcc 656

<210> 27084
 <211> 939
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27084

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 ggccggagctt cgcagaggac ggtatggcgc agctgttctg ggtcagagcg gtacgtcaag 180
 tgcatagtga cctatgctga caagttatta attgttagca gaaggagttc tgtttcctcg 240
 gtgcaggagc gcttgggaca acagagattc tcctccgctc aaagaagcac ggcctatcgt 300
 gttcaccgct agtgggaagg aacatgtctg gaaacggtaa cctcttagtc tttggtattt 360
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 cgctgtgat cgaatggatg ttcacatgc agacaataaa tataaagcac ttcttctctt 660
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 tccggggccc atatatcccc ggtggcgcca ttcagcgcac agcaacatac ctggccatgt 780
 cccacgacaa caacgaggtt aactaacgc tggaaaatga caatccgcaa ctccaagggtg 840
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 gggtcgatgg ggcgagtatg ggatattctt atttctatg 939

<210> 27085
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27085

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gatggctata cccagctgcc aacacacaaa gtttctgacg ctaattggac tgctccaagc 180
cgccgcgagg aggaggatac cttctgtgcc cgcaagttgc tggaacccat gactgttggg 240
cgctag 246

<210> 27086
<211> 760
<212> DNA
<213> Aspergillus nidulans

<400> 27086

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aggatcggac tctcaagaca gtcacctgga attgcaggct tacctttgac tcgtccgcga 180
tcgacgacgc cacgcaaagc ttgaagtctt ctagcaatat ctttaagagc tcgcaaaccg 240
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ggaagagttt gaagatgagg gtcaagccag cggtgaagct agtgctgata ttgaggagct 360
tgtgcataag ctagagagag cagtcattcg tgcaaagtca caacttgatc gggaaaaaaaa 420
gctatacgcg gaactgaaag ctgcgagtgc gttcgagagt tatggggagg aagagcccg 480
cccagctttg aaagccgcag ctctccaggt aaccgcgaat gagcttgtac aatgggtaga 540
ggataagctt gtaggcagtg gggacagtga agaagctcct atacaggaga tacctgctga 600
agagatagag gagtccgctc gtatccttga ggagcagagg atgcggatta tacagcagta 660
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<210> 27087
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27087

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gtggtcggag gaggaggcac tgctggcctt gtcgttgcca accgtctctt tgaggactct 120

aaggctcagag tctctgcat tgaggcgggc agcaacagcg tcagagatcc tcgtatttca 180
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ccaccacag 249

<210> 27088
<211> 800
<212> DNA
<213> Aspergillus nidulans
<400> 27088

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gccgattaca tcaccgacaa cggcggcccc atgtacctgg actataatat caccgggcct 180
tactactacg ccgacgccga cgtgcaactg gtccatgaaa ccttgctcgt cgacgcgaac 240
gacaccagcg tgctcgttgc tacagacagt gccaatgtga atctatccca cgtcgagggtg 300
atcaagacag gatactgcac ctggctgacc caggcgagct tcttcggcgt caacgccgca 360
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cccgtggat atgtgtacgt ggacgacgcg gttgcgcaca cggcgggagt gggcagtgcc 660
atcttctatg ccttgggcga ggtatacggg accgacgtcg tgggacttgg ccgagaacgc 720
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<210> 27089
<211> 283
<212> DNA
<213> Aspergillus nidulans
<400> 27089

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cagggttttga acttggacag cctcttgatg agagttggta tggcatcgac cctgatccgg 180
 atcagtcttt gagctatttg atctgggagc actctcgttg ggatggctgg caaggcactc 240
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<210> 27090
 <211> 1487
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27090

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 ctcgcctcgc tgatccgcta cctcctctat accaacgaga ttgacaccca tggaataatc 180
 tactcatcaa gtcgatacca ttggtcgggc gatgggaacg ggactagggtt cttcctgcca 240
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 gataticgtgc tcaaagcgta tgcagaggtg tggccgaacc tgaatattca tgatccgttc 360
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<210> 27091
<211> 576
<212> DNA
<213> Aspergillus nidulans

<400> 27091
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cacggacggg aagttgcaa tgcagcgatg aatgaagcga acgacaacgg ggatgagcag 180
catgtatccg gcatcgaagc agaagatgag gaaaacgtaa gtcagtaacc atatgcgcta 240
ctgtacaaac acaaagcgga gttaacgaat aatttccaga acaccaacgc ctcgccagtg 300
tcgatgacca aaaaagaaac ccctaaactc ggctagcgca ctggcatgcg cgcctcctcc 360
aaaaccgctt ctaagaaatt caagaaggat ccgggggttg cgacggaaat ggacttggtg 420
caccgaagg agcaccagcc cgagcaactg ttcccccat tcaaccagtc ttgcaacagc 480
ggtgaaagga ccgttgatct accctgcgag agaggaaaga tcatgtcgca gatcaaaggc 540
tttactgaaa acgggatcat gtcgagtaca caatag 576

<210> 27092
<211> 240
<212> DNA
<213> Aspergillus nidulans

<400> 27092
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gagcccctgg atgccgtcat atacggtgtc aacatcccac tgatggttct aatgaccata 120
ttcgttgcgg gcaggtttct atcgcggaac ttccttgtgc gcaacgcgct tggagtagat 180
gactggatga tgcttgttgc ctatgttggt gccagtgtg gctttggacg tacatcgtga 240

<210> 27093
 <211> 458
 <212> DNA
 <213> Aspergillus nidulans

<400> 27093

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 cctgtgttaa tagatccaag atccccctgca ctgtccacgg cccttcccag actccacacc 180
 ttgaccacga actccagcag ccctacgcac aggatataat acacactttg actgccgctc 240
 tcaacgacct cacagatgag aataagtgtg cgaaatgcac ggttgagaag ttttctgttc 300
 ttctaaccgg ccatgtgctg gagatccgag acgcgaagaa gaatgggcag tggtcgaagg 360
 aggaaaggaa ggcaatgaaa gctgaagtga agagcaccta caaaccagta aagaaagctg 420
 taaaggctct gtggaaagag aggaagcaag agaaatag 458

<210> 27094
 <211> 431
 <212> DNA
 <213> Aspergillus nidulans

<400> 27094

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 gctgcatcaa gtaagactgc cgccggagct gttctacatc aattaggcag gaatagagct 120
 tggctaattt acattctcca gaattaaaga ccggtcaact cgtcaaagat gaacacttta 180
 cgcttttcga ggccgtgggt gcgctggaag taggtgcagt catcttagct gctgcgcatg 240
 gcagctacca tagaagtga cgttcagcta acagacttgt cgcacattca gatcatggat 300
 cccaaaatgg acagtggata cctcggtccc gaagagaaag gacagggatt ggaggatgac 360
 tacaatatct tgcgcgagct taccctggag gaagtagtat ggattctgga tggaaacgct 420
 tttgccatga g 431

<210> 27095
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27095

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gagcccgctc ggatcccaat tcgtccacca tgggttggtg ctatcagcat cccactgtgg 120

atttgcttag tgtacttctg cgcgacaatg tggacaaaat atgtcgatcc gttctgtgcc 180

cgcattgaccc aaaagatgga gaaccacatg ttcattccagg acgagaaacc tgcacaggcc 240

gaaacactac ccttgacctc catgccgatg cagacgatgc caattcaaaa cgcctaa 297

<210> 27096

<211> 315

<212> DNA

<213> *Aspergillus nidulans*

<400> 27096

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acgcgctacc tgagtcggac ggaccgcgaa ccgacacctc tcgcggcaac atcctatgaa 120

ttgctaggcc acgactcaaa taagaccgag accaacacca cccggactac cgctgcgcct 180

actaccaggt cccctgcgcc gaggagctgt atgtgcctc tcagcccgtc cgtccagaga 240

gcgacttccg caccggtcga cccattgtcg gacgagcgtc tcataccacc tcaacaagac 300

cgctacatgg agtaa 315

<210> 27097

<211> 738

<212> DNA

<213> *Aspergillus nidulans*

<400> 27097

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ccggcacacg gccatcgcgc cgtttccgct gcgaaacgtc cacctgggcc cggccatcac 120

cgagttcaat atgcgcgagt tcaaaagaca ccatacgacg tgggcatacc ggctcgtccc 180

cggtaccacc aagatcagtt tcgggcagaa gacgagacag ctgttcgcct cgtccaaagt 240

ccccaaaatc ggctccgca tcagactctc gctgccccat acattgcaag tcggcaacga 300

gcagaccatc ccaaccactc tacatatcga ccctgacctg gactcaacga gcctcgccat 360

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gaccgtgcag gccgagcggc acgacttctc caaatccacc gagagcgtga gtctcgttcc 480
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 tctgatcacg tacaatatcg tccgctcgca tgaactgaaa tgggaattgg acggcgagat 660
 cgccgggagt gcattcaagc tggggctctg gcaccagtg agggctttac ctgagccaga 720
 cgtggagggc cctccacg 738

<210> 27098
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans

<400> 27098
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 acggcttccg gcgcttcagc taccgttgac actaccatga ctggacaggc agacccttcg 120
 accggcccat tccagggtcc aacccccggg gaggggtgcct ccgctgggtgc tcaccagggga 180
 aaccagggca aaaccccttt ttgggttggtg caaacaccgc acttttttat gcttggttaa 240

<210> 27099
 <211> 603
 <212> DNA
 <213> Aspergillus nidulans

<400> 27099
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 aaccaatgga gcgaagccaa ccccgagccc gaaaccgtgt tgaaaatgct ccaggactgc 120
 tttaatgatg ccaaaactaa aggtgtgacg ctggaacgag gcacgttcgc ggatttgatg 180
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tag 603

<210> 27100
<211> 356
<212> DNA
<213> Aspergillus nidulans
<400> 27100

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tgcagaagtt gcaggttcaa aaggcactcg cagagaaatg caatagcatt gaccctcttg 240
cagagggttaa ggtctttgcg actatcgaag aagctatcga ttttaccgt gacctggctt 300
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<210> 27101
<211> 795
<212> DNA
<213> Aspergillus nidulans
<400> 27101

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aagcaggttc acgcacaaa catttacaac cgctacttga actctttccg tgccaaattg 240
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gcgcagacca cgactactct gaagggctcg ctgttcccg acatcaaact tcctggaggc 360
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ggcgcatgg ctaccggacg agccacggac ggtggcccag caaccgctgc cccaacccta 660

accaaaggca gcaccgcggt gaccaacggt catgcgaagc actatgattc tctcttaagc 720
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<210> 27102
<211> 321
<212> DNA
<213> Aspergillus nidulans

<400> 27102
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aatctcgtct tgaagcactg tatgctcggg tcttcgtcgc cacgatcggg ttgtgctcgc 180
cccgccgttg tagcttttga agtaacggcc cgcggaggag ccctcgccga tgagcttggg 240
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<210> 27103
<211> 1388
<212> DNA
<213> Aspergillus nidulans

<400> 27103
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tcgcacgcgc gttcccttga caaacgtgcc tacaacgtcc ttggaggaaa tggcaaggtc 180
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cggcaccgag ggtaccagcg atggtgacgg gctcaagcag tgcctcgagc aggcggggcgg 660
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<210> 27104
 <211> 622
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 27104

atgccatcaa cggttaatct cctcctgtcc gctctcccg cctccccat ggcgtggct 60
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 tgggagcccg atgtctacga tgacggttac gggaacccta ccattggata cggccacctg 180
 tgcagcgact ggctgtgctc ggatgtcgcg tatgatatcc ctttgtccga agaggatggg 240
 gtgaagcttt ttgcagagga tattgctgtg cgtctccctc cacggccttc ctctcatgac 300
 gggacctctg ggatggaaga aagatgtaag gtgctgatac gatgagtga acaggtctac 360
 caagacggcg tggctctctgc cctcgactcc tcggttacct tgaacgacaa ccagtacggg 420
 gccctcgtct cctggtgcta taacgtcggc gcggggcgccg tcgccgagtc gacccttgcy 480
 gctcgctca atgccggcga ggatcccaac actgtggcgg aagaggaact gatcaagtgg 540

gtgtatgcga acggcgaggt atcggagggg ctgaaacgca gacgtaatgc ggagattgag 600
 cttttccaaa ccagcagtga tg 622

<210> 27105
 <211> 1062
 <212> DNA
 <213> Aspergillus nidulans

<400> 27105

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 cgccgctcgt caaggatttt tgcggcaaca ccagctgccg aagtcgaaaa aaatcaactt 180
 ctttccaaga aacaaaagct tacagctacg cctcaagata ccggcttctc gccagctaac 240
 cgagccacga agaagcggaa gcatgagaca gttgaagtta cagccgaaac cccgagaaag 300
 gagcagatca atatggacaa agaggccact agagaaccag ggtctcagag atctcagaag 360
 cggcgatcac accgtattag tgggtgtacct gcacccgata tcccagatga acttcctgcc 420
 ccgaagaagt ctccgcggcc cagtagttcg cagaagcagg cgtcgaagcc gaagcagaac 480
 aagaagcaaa ctaaccgcat gtcggagaga cgccgctctc aacgagcggg agcttcgcag 540
 gacgaaatca ttccggaaac ggatagttct atggagaaat cagttgaaca ttctcaactt 600
 tctacgacag acaataactc cgagcaacaa ccgcaaccaa ccgatgctgc tcatagagac 660
 caaccgggac cgcaggctag tcaacaagca gaagcgtctg gggaagccat agccattcaa 720
 atagcggaat tcagagcaac tgggtcggaa cgagccgcag taacagatgt cgagggtgca 780
 tttatcccaa aatctcaagc ggaggccgag aagcaagctc tctccgactc aagccagcca 840
 caccagccgt tgtccgcacc agatcaatcg acgtcagaga gagcgcccca accaaaccaa 900
 gacttccaaa tctcaacctc cctccgctcc ctcatcgacc aagtgaagtt atcttcgctc 960
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 gaggctttgc ggcgccatca tgccagtgc acccatggct aa 1062

<210> 27106
 <211> 270
 <212> DNA
 <213> Aspergillus nidulans

<400> 27106

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ctatccgtcg ccgctgccgc gggatggcaa ccacattcag cccgggtctcg tgtcagactg 120

ggcttacgaa acagcgccca cctcggttttc ttcgcaagac gaaggatcca ggatgttgga 180

aacaaaaaca ttttatgtcc aagcaagtca agcaagtctt cattcgcaga tggcggagct 240

gaagtacgcc taaaggatgg agcccccttag 270

<210> 27107

<211> 420

<212> DNA

<213> *Aspergillus nidulans*

<400> 27107

gcaaagcgtg cgacaataac aaccacgcca gcgcacggca ggaccaacca cgaaaaagca 60

caaaaccaag aaggaccaag ccccgaaacgc acggaaaaaa ccacgacaaa aaagaaagat 120

ccggaggacg agcaggggtac tcgaacacag gcaaacaacg aagcccacag acaagacgag 180

aacaaaacct acagcaaaac accagacgcc tcgaacacac tgatcacaac cgcgaaacccc 240

caaaaacgcc aaaaaagggc aaaaccacac caacgaaacc acatccccaa gcagcacacg 300

aacaccaaca cactcctaac aaaacggaga cccgacgcag ccggaaacct gctccagaac 360

gccacgacgc caaatatccc gaaaaccaac ccaaaaattc aagcgaagaa ccacagctga 420

<210> 27108

<211> 384

<212> DNA

<213> *Aspergillus nidulans*

<400> 27108

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gaagaagagg acccagagga cgaatatgaa gaagtggatg cgttcactgg gactgaggaa 120

gaaccgcct ctctaccgg cgtagtcagc tcagagctct cagattccga tcatgcccac 180

agccgcggcc agcccgctct ggaacctgct cctgatcttg actcaagccc tcttcggcct 240

ccgcgctcct cttcgctgag aacaacgtca cgagaccggg ttctcggctc tgacgattct 300

gaccaagctg cgttgaatgc ctctccaaaa tccgtcgtat ctgggaagcg cagcttatat 360

tctggtgttg acgctgcgaa atag

384

<210> 27109
<211> 1030
<212> DNA
<213> Aspergillus nidulans

<400> 27109

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ccggttgaga gggaggtgag aagcctagag agtatgtgca cacattagta gtggaatgac 120
agaagatcta acgtctcggc agctcgatgat ctcaagtgtt atgcccgcga tctgggcaag 180
ctgccggttg tcaagcacia atttggcatc gagggcggtg taaaggcggt ctttggatta 240
gggaagaagg gaaaggaaga tgataagaag gatgataaaa ggggggtaaa gggggatgat 300
gacaagaagg acgatgatga ttgggacgac gaccactggg acaatgacga ctgggatgat 360
gacaagaaag acgacaaaaa ggacgatgac aagaaggacg acgataagaa agacgataat 420
gggaattccg gcggcttttg attcgggtgt gggtcgtcta acgggtttga ctcaaagaat 480
cccaagggca agcctgacta tgaccctcac cacgggaagg gtcccagggt caagcccggc 540
tacatcgtcg accataaaca tgacgacaag aaggatgaca agaacggcgt tttccttcgt 600
gcgagggggg agcccaagaa ggacgatgac aagcacggcg gctacaagcc ggacgacaag 660
aaggacgatc acgatcacgg ctatgggtac ggcaaggggg atgacaagta cgacgacaag 720
tatgatgaca agaaggacga caagaaggat gacaagggca aaggcaagggt attcggcttc 780
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aaggcgggcg gctttggctt cggctcttggc ctagggtctg gtggaaagggt cagccacggt 960
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ggaggaggag 1030

<210> 27110
<211> 309
<212> DNA
<213> Aspergillus nidulans

<400> 27110

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 gggcacaaga atgctgactt tcaaacgga gtgcgcgga tcgttgacca ggccggtgat 120
 cttcgcaatg agctggagaa tagccagttt acagtgcata tcaaccctgc ctttgtgcgt 180
 cttgagcaag acccgatatc ctacactacg gtcgtcattt tcacaagctt cggctttgct 240
 gagtccctcg ggtattgcaa cgtgcccga acgcatccag aggctaactc cagggatgct 300
 gctgtgtaa 309

<210> 27111
 <211> 474
 <212> DNA
 <213> Aspergillus nidulans

<400> 27111
 atgaaactcc agtcttgcc atatctagga tggggccttg cccttgccgc ctcatctgcc 60
 gttgcgctat cagtgcgcaa caccaacaaa gtcctctgc aaagcgtgcg tgaacgagca 120
 agtctcaatc accaatggaa attctggcac tccgagcaga tcccagacaa tattgtctac 180
 gaccttcgtc ccgacgcgaa cgattccagt tttcaagtat taaagtcctg ggtcctgccc 240
 gttggcaacg actatatcaa gaacgccaat gcacaacatg aacgcccac taccgaaccg 300
 gatggcgaca ttccatatgt gcataatgat ttgacgaca gtagttggga tgtcgtgcgt 360
 ctgcctcatg actgggctat cactagacca tttatacag acgacgacc cgagatacct 420
 tcagctatgg gtcgacttcc agtgcagggg gtgggggtgt atcggcgcaa ctga 474

<210> 27112
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 27112
 atggaacgcc cggcctttct cctcccaacg gcgacctccc atcccacaaa gccaaacacc 60
 cggatcccac ctatccttgc cgccggcaaa gcgactagct taagtcccaa ctctacaacg 120
 gcggccgaac cccctttctc ccgcatcgca accatctcca ggcaaaaact ctccgctgag 180
 gcagccaggg gcgaccaga tctccgtcga tgtctcgcc accaccgtct cttgctgcgg 240
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agcgaagatg atgaggatat ctatggggag tacgagtttg gaaagggaga ggtcttgctc 360
caggaggatg agcttggtga cgatgaagac gatgacgatg acgatgaact ctacgatgat 420
gacctcgagg atgaggatga tgatgaagat attgatgacg aatgtccgac agtgggaagaa 480
gaggaggttg tcgctcccc cgcctctata act 513

<210> 27113
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27113
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accaagccg agatctacta catcacatca ggccgtggga tcgtgaacat tgagggcttc 120
cagcacgaag tctctgcggg gagtgtcctt ttcacccccg gggacgcgga gcacggcgctc 180
gtgaatcgcg gagaagagac gcttgagtgg ttctatgttt tccccacagc tgggttcggg 240
gatattgttt atcggttttc tggtaaggag tggtggtag 279

<210> 27114
<211> 450
<212> DNA
<213> Aspergillus nidulans

<400> 27114
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ccggcgcca tgaatgcaa tgtcagcgcc agcaaccgca acgttatcta ccccggtcaa 120
tctggcgcca gcggcggtca cagccgcgc tcgtccacca ccgtcgaaga ctattcgcg 180
atcatgctcg agtacacca acgccgcatg gccgggtttg cagatcgccc cggtgacagc 240
ggcagaaggt cagccactag ccgcagcagc aggagcagta acaccagtgg ccagagcggc 300
acttcgatga gcggcttctt agcaggacaa gcaacgggcc cgggccctgg atctggctct 360
ggctctgcac tgactggccg caccattct cgggtgatt ctaagatccg ccatgttgac 420
tttggcgcg ggggtctcga tggcgaatag 450

<210> 27115
<211> 282
<212> DNA

<213> Aspergillus nidulans

<400> 27115

tatcctgcac agcgcaggat gagaggggag ttaagacccg ttcagctgcc gaggccgttg 60
gtccgtatatt actcctgata catacgcctt gtggattggc accacctatt tgatccttag 120
cagcaaagac ctacgggtga tgtgggctat tcatecttct aaaacctagg ctgtaccgca 180
cggaagtgtg tgtgagcagt cctetaagta ccaaccgtac gatgctcaat ttcaaggccg 240
ccaacgttgg tattcagacc atcgagtgtc cagacgcctt aa 282

<210> 27116

<211> 256

<212> DNA

<213> Aspergillus nidulans

<400> 27116

atggctcacc tccaagcccg ccagcacatc tccccagact ccgggttccc tgtaactttg 60
caccctctct tcaaccccg aatctctctg catgttctct ctgaaccaat ccgagacgag 120
attacaccgc ccccgaccg cgctcttttc gcagatccag agaaacgtgc tttgttctct 180
cctggtgtca agcggatcaa tctcactgag agtatcgga cggctctgga gggagtccag 240
attagccagc ttagtg 256

<210> 27117

<211> 242

<212> DNA

<213> Aspergillus nidulans

<400> 27117

accgtacttt gaccaagaaa taccgctctg ccgaggagat tgcttctgac atccgcgagt 60
acgaatcgca accagatgta gaagatgtgg gcgttgctga ggtggaacat tggactatca 120
ctggggcgac agcttgctcg aaagagaaga cgcttcggca gcgggagaaa tacttttctg 180
cagtccatct catgtcgcta gaagaaatgc tcagtttggc tgaaagccag ggccatgtct 240
ag 242

<210> 27118

<211> 1221

<212> DNA

<213> Aspergillus nidulans

<400> 27118

gcctcaacgg gtcttgaaaa tgacccttta gcacagaaaa tcgacgcctt tggtttctaat 60
ccacgaccgc tcggcctccc ccccggttctg ggcgccggcg taaagctgga ccccaaatacg 120
atctgtcatc ctggcctcga gaccctctac atcggttctt tcggcacgag aaattatcac 180
agagccgtcg ttcgcagact cgcccataaa cttgaaatcg gcagtgttat cgtgaaccgc 240
cctctgacgc aggacgagct ggactttctac gttgaaacca ttagccaagc tacatccaat 300
aatcgctggg gcctgatcac tggcggttgag tttggaatgc taacaggcct tgttctcgga 360
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ttcactcggg atgtcgagac actcaaggca atgcgcgtgg cggaccgcgc tgttttccag 480
cggactataa tatcactttg taaaacgact ttcggttgcg ggctctgtgg gtggtttggt 540
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caacatcggg aggagttcat gaagggtgat caaagggtag cggagaggag acgtcgcgct 660
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gaggggtctat accagggcgg gtttgaggag tcgtcttcga ctaccgcttc acagccggca 780
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agccaaagta cgctgcttg gccaacacct caccctgaca cctacagctc cagcgtaccg 900
acatctggtc agaacaatga cagcacattc ttcgacgacg acgccagccc aatcgcaccg 960
gattaccgag atacaaatac cgccccacag ggtagtgcct gggagcgcac ccgacaacag 1020
aaccaaaatc cgtctttaca cccgtctgta actcaaccgc aataccaacg agcaccgccc 1080
gctgcagagg ctacgggtaa tgacagctat cgagagcgag agcgcgcccc agccgagttt 1140
gaccgtatgc ttgaagcaga gcgaaaccaa cacagtgact cggacggcgg atcgcgcggc 1200
gcgagtgggt ggtggaagta g 1221

<210> 27119

<211> 204

<212> DNA

<213> Aspergillus nidulans

<400> 27119

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 ccggaaccag gcaggatggc ctcgagccag ccatccctga gggatgccgt caatccactg 120
 tcatcattag cttgtccgcg gtctagtata aacacaaggg tgaaggatgg cgtacattct 180
 ctagaacgtg gcagtgggtca ctga 204

<210> 27120
 <211> 219
 <212> DNA
 <213> Aspergillus nidulans

<400> 27120

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 gcttccaaca tttcgtccgg acgccttttc cgtgctaaga ctgcacctca tcttgctgat 120
 gggtcgcagc tcaagctctc ggcgcttcac gaaacaacac cacatctggt gattttcaat 180
 ttcgacggcg ctattgtctc tcacgcattg atctgctaa 219

<210> 27121
 <211> 512
 <212> DNA
 <213> Aspergillus nidulans

<400> 27121

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 attgacaacc ccgaggctga gttccgcttt ggcaagcgag ttgccacaac ccccgagtgg 120
 atggagaagg gcggtcgtcg cgaggctaac ctgccttca tcaagctgaa caagccgttt 180
 agggaggtta caccgtatga ctaccgggat acaccgaaa gcgacatgat gaacatcggc 240
 gttgtgggct ttgccggtga cctcaagaag aacggcgagc ctggtgcaac cctgtacgag 300
 tgcttccaag acacgaagtg gagtctagac aagtccaggt ggcagatgct cgagtatcaa 360
 attgatccat atggaggtag gctattaaga gcgccttgac aaagcctacg catctaacia 420
 gtccaggcat gtccggtgct ccagttctcg acgaagacat gaactgcatt ggcgtccaca 480
 cctacggcgg ggaaaggaaa tgcgccaccg tc 512

<210> 27122
 <211> 312
 <212> DNA

<213> Aspergillus nidulans

<400> 27122

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tatgacacgc gacaggacaa acacataaag gggggaacaa gcgcaggccc gggcacgacg 120
gccgccctca taatgcacgc tgcgggaaag aaaaagggga aggggaagaa gcaagcaggg 180
cgcaggacaa accgggcagc aggcaaggac ccaaacacgg atgaggcaag cgcagaaccg 240
cacgaactga gagaggcacc aactggcgaa caggcaagcc acaaccgga agaggaacga 300
ccgccaagat aa 312

<210> 27123

<211> 396

<212> DNA

<213> Aspergillus nidulans

<400> 27123

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gtcacactta gatcagcgcg caatcccttg ctcgaaataa ctctgtctaa cgtcccactg 120
gccacaacaa ccgtgtcgga cttgaaggac gccgtccgcg aacgtgttct cgaaaacacc 180
acagaagctg acaacaaagt gcctctggag aagatcaaga tcctcttcaa gaagaagccc 240
gtaacgggta ctgggaagac tggtgaggat gttgtgagtg atgccggaga agaggagtta 300
ctggccggtg gtaaggaggt agagtttggg gttatgatta taggaggggc aagggttatt 360
gagggccaaa accaagcaca gggagaggcg ccttag 396

<210> 27124

<211> 273

<212> DNA

<213> Aspergillus nidulans

<400> 27124

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tgtagctgac ataaacaggc ttctactcag gatttccagc catccttcga ttacatcaag 120
gccaggaac aactcttctt tgaaaccaga tcgttatccc atgctcggtc cagatcggcc 180
atgtcggaaa ccaccgagat catcgactca gactacgata cagattcaag aaacgcaacg 240

tccgatagct cgcctacag aagtgctgac tcg

273

<210> 27125
<211> 511
<212> DNA
<213> Aspergillus nidulans

<400> 27125

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gctgccgcga ccaacaaggc cgccgagcct gtggctgctg cgtaagtcac acctgtgtac 120
aatatttcaa ttccgcgcga cttcattggt tgtgtgtttg cgtcctcgca gtcgtcgccg 180
tccgaattca aattggctga ctttggattt ttgctttttt cttgcagcgt tcccgacacg 240
tccgttgaag agaacgtcgc aaagagcgaa accgaagttg agcaagctcc tacagaaacg 300
gttgaggcgc ccacttccac ccctgctacc gctgccccgg agaccaccac cgagaccgct 360
acttctgcgc cagaagctcc accgattgct gccgccgcca ctgagaacaa agacgagggt 420
ccagtccccg ccgcaaaaaga tgctccgata gaggaggcgg tggaagcggg accgaaaacc 480
gaggcaaagg aggatgagct gaaagagact g 511

<210> 27126
<211> 1217
<212> DNA
<213> Aspergillus nidulans

<400> 27126

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tccgactttg gtcttgacga tgaggacttc gactactccg actacctgaa cgatgatgac 120
ttcgactact ccgactatgg cctcgacgac gaagactttg attttgacta ctccgactat 180
ctccccctcat cgaccagctc ggcttcatac cctacctcga ccagctacga ttggctgtcc 240
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aacctggacg ggacccctcc taacggagag ggcagcacca acggcctgcc ctcaagcttg 360
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gtcgcattca agaccacagc gccaaaggta gatctcgcat ttgacgtgat cttccttggt 480
ctctttatcg cactcgtgtg ctttactgta atccgcctct tcaagatcaa gaggaacggt 540

ggcgccatgg tgaattgggt tctgtttccg atctctctat tcttcactat cctgtaaggc 600
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 cgacacgata actctcatcc tctcagaatg cgtcatgatg cgcgccgaca aatactggga 720
 tgcccaaaca gctgttcagt ggttcagcag gctcgccatc ttctgtctga ttgtcatcat 780
 catgctcccc atctgccga agctccaaca aggaggcggc atattcgcca ctctgaccct 840
 ggttcttcac tctctctgga tagccctcac aggcattctc ctcacgtca gcctagcact 900
 caccacccgc gtccgtgtcg ggcaccgaga cggcttcaaa ttggaaaagg cctccaatgg 960
 cgtgacaatg gcgtactccg ttttcttggt tattgctgcg ttgctggccc tgggtaacat 1020
 gggcattgcg ctagtgaaga aggcgaatct tcggaaggga gtatgtttcc tcccctcttt 1080
 tggacaataa accatagtac atgagcta atcgcttcg cgctacagctta cctcattac 1140
 cattccagtt ctgcacctct caaccttgat ccttaccctg attctgatgg gcgggttcgc 1200
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<210> 27127
 <211> 394
 <212> DNA
 <213> Aspergillus nidulans

<400> 27127
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 cgccaagggtg cgcaaccaca gttaccgctc gaaatacggg tactacgagc agcaaagcgg 120
 agacgtgcag ctgtccaagg tcaagggcgg cacaagaat ggggcgtcgg taaatctgtc 180
 gcgtcgggat cccgaggagc aggactttgt gtcggatgag agcggcctga tcagccacgc 240
 gggagccgcg ggggatgttg ctgttggtga tcgtcatgga gatccagctg ggaggaggag 300
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 tgtgcaggcg gggaagaagg gttcaacgta ctga 394

<210> 27128
 <211> 264
 <212> DNA
 <213> Aspergillus nidulans

<400> 27128

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ttcccatctg gcacccgcgt ccgctacca gacgcacact acattgtcat cggcgccgcg 180
gagcgcgccc gcgtcctcat ccagaacgag gataacgcgg aggatatacct gcgtgttgag 240
ccggatagtt tagttaaagt ctag 264

<210> 27129
<211> 363
<212> DNA
<213> Aspergillus nidulans

<400> 27129
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gtagctaaca attatctctt agcttcgcgg ctcacggttc gtaattccgc ttccccaaga 180
tttttgcctt ctgctgccct tttatctaac cctaccatga aacaggctac gccgtctctt 240
gccagaacca aggcggatcc tgccacgatg gagaccgtga ctgccccgcc ggtactgaga 300
gcgtcttctg ggacaccggc tgtgcgagcg cattctggcc gtgggaggaa gatgacaagt 360
gct 363

<210> 27130
<211> 210
<212> DNA
<213> Aspergillus nidulans

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gacaaccac cgaaagagca agacaccga ccggaagaga tcgccgcgca acgctacatg 180
agagagaagc tcaatgggga actctattag 210

<210> 27131
<211> 297
<212> DNA
<213> Aspergillus nidulans

<400> 27131

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gactactcta tgatggaggg agcccgtagg catgttagga gacgatccat ttcccgcagt 120

cgctatgggc ctagtacag caacgcctat ttaagccgc acggcactct ctacgaagac 180

gtgcacatca aacggtccgc ctcgacgggt gcccgccgc accgcgagcg gcaccgagag 240

cgagatcgtg atcgtgaccg ggaccgcgag cgagtggacc gcgtgcagcc gtcgacc 297

<210> 27132

<211> 572

<212> DNA

<213> *Aspergillus nidulans*

<400> 27132

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ctctcatatc gacaagcggg ggtggggagc attcaaggac tggctgagga agctcgtatg 120

tgtctctacc cttccccag ggcccttct gatcggttct ctgaccacct atagactacc 180

gtgaccaagt ccagtattgg cgtcateccc ttaggcttca gccacacaat caacctcttc 240

cgggcccagt ggggatgccc cggacagacc tactcggcca acctgcggat ggatctggag 300

gcagacctcg cgatggacgc gacgtatgcc tattacctct ctgcgacctt tatccgcct 360

ggcaagccgg aaacctttgc ttactttggc atggagccca ctgcctatct cgggcttcac 420

attgaaggca acgccc aaat gcagaccacc acgggcagga agaagattat cgacacgctg 480

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ggagaggcgg gtttccccca tctacctat tg 572

<210> 27133

<211> 207

<212> DNA

<213> *Aspergillus nidulans*

<400> 27133

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tttcgggaat tgaatgcct tattgacgag aagctcatca agcccgtagg cgatgaccgg 120

gtttttgggt ttgcggagat aagggaggcc tatgagtatc tggagcagca gcggcatttc 180

tcaaaggttg ttattgatat tgattga

207

<210> 27134
<211> 484
<212> DNA
<213> Aspergillus nidulans

<400> 27134

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ctcttgattt tcgcctcggg gcgcatccga cggagcaaga aacaaggcca gcatgtcgcc 120
ggcgctgggt tcctcaacct gtcaatcacc ttgcctgggt tgtaagtgtc ttagtggtcc 180
gggggacacc gggccaccac ccgcggtgct tgcgtatata gaggaacctt ctaacaggat 240
taacagcgcc tatatcgta ctatcgctta caccgttctt accgaatgag acgtctacag 300
ctatcgccac ttgtaccatg cgcccggtgt tgagctctgg ctccgcgccg tctctgagta 360
cctgttcctc gcggccatcc tgatctacct cagcgcaag ctgcagacag atttcgggct 420
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catc 484

<210> 27135
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27135

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agtcacgccc atcaccccg tcattatatt tccatcattg ggttccccct actcagtcac 120
aatcaggtgc cgcacccgga aaggctcacc aagaggcacc agctcatggt acctctcgtc 180
gttcagagca ccatgcgtct ccaggacgaa aaaggaaggc ttccggctct caccagcctg 240
ccccagtacc gtcctctcgc tcctctgaat cacttatag 279

<210> 27136
<211> 237
<212> DNA
<213> Aspergillus nidulans

<400> 27136

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 agctcgctgt ccaccaccag cagcaccga ctgagtcggg gtgctgctgc ccgctccca 180
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<210> 27137
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27137

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 caatgaggaa aaactggcgg agcccaccgg ggaaccttct gtagcaaac cagctgaaga 180
 agcgccagtt ttagtggcgg ctgaggagcc acccgctgca gagtctggtg aagctgaggt 240
 ttcagcccaa gaacctgttg acgagcaagt gcctccctca actacgactg aagaggaagc 300
 acccgccaca aatgctcagg agcccgagcc cgctcggca ccggccgaag gaacacctgt 360
 tgcggaact cctgctgttg aagtcgaagc cgaacct 397

<210> 27138
 <211> 1062
 <212> DNA
 <213> Aspergillus nidulans

<400> 27138

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 atcgccgccc tccaagccgg caagcacgtt atggttgaga ccccgctgag cttgagcatc 180
 ccatccgcaa agcggtacct tgatgcagag aaagatgcgc cgaacggggc gcgctcttt 240
 gtagcctgtg caaggcggta cgcgccttgc tttgaaagtg tgttcaagaa agaggtggcg 300
 gagctagaga ggatccatta tgcgcggttg aggatgatcg ccgggccgca tggtgcgcac 360
 acggcgacga gtctaagggg tgtttcgagt gatgagcccg agctcgggaa cggttctaag 420
 gagggggtcc agggggagaa ggagaaggag gaggaggacg aagatcgagc agcgcgctc 480

cacgacctga tggaggaggt ctttggtaaa gaagaacaac caaatcacga gcgcatcgcc 540
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 ggctatccag atgcgatctc aaatatctcg gtgaatgagc cattctactc agcgctgttc 660
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 gaaaccggga cggattgcgt accgcgatgt gatgcgcagc tggcggtgta tggacataac 780
 aaaactgtca ctattcatta tgacctgccg tatgcgcggg cacagccggt tcgcgttggt 840
 gttgagaggg cagatgagcg cggtggggtg atgcagacag agacggtgag tacctgggag 900
 gaggcttacc aggaagaatt gaaggcgctg tatgcatacc tcgttgaggg gaagccggca 960
 aagacaactg cgagagattc gttgcaagac atcaagctgt ttcagacaat attcgaccag 1020
 tacaataagc aatgtgggac gatccgcact ccgcttggtt ag 1062

<210> 27139
 <211> 303
 <212> DNA
 <213> Aspergillus nidulans

<400> 27139
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 agcgccggaa accagaccca acagtccgga aaccgttcgc aaacgggagc tagctcgaag 120
 tcacaaaaag atccgacctc tggtggagt gtcgaggaaa tgcttgagac tggactcgat 180
 cagaacggca acattgtctc ggacgattat tcctggattg acggccgtcg actaaataag 240
 ggccaacacg gcggccaaga ggccgatgat gttgccgctt cgcttgatga gcatttcgct 300
 taa 303

<210> 27140
 <211> 286
 <212> DNA
 <213> Aspergillus nidulans

<400> 27140
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 tagaggggca taccgtgcgc ccagcaggg ccatcggttg tggccatctg ctttgtatct 120
 agaatactgt tctcgcaaga ctcagtagct gtattcaagg aaaccctcg tctactgcag 180

ccgtggtgtt attggcggag gaaatgttta ccgcgttgga caccgaccga tagacgcca 240
gcggcggcga gcagcaacgg gcgggagcgc gaaaggaaag gaggca 286

<210> 27141
<211> 475
<212> DNA
<213> Aspergillus nidulans
<400> 27141

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atcttgttac acttcaccaa cagtttacct cacaaacage cccctacctt atcaagtcac 120
tccccaatcc cctttcctac atttgcgatc agtatactac attactcaag gaaccacccc 180
gaaagcaaga tgtccccac ctgcgccgct ataattgcag accccaatc cgcccctcaa 240
aatcccaccg cgacctcgac ctgggcctcg aattcgaacg ccaacaccgg ccaagacccc 300
gtctctgaca cactcgaccc gcgcaccctc gcaacatccg ccttcactgc ctctcttcac 360
tccctcggtc aaaactacac cagtgcgctc gtcgatcgag ccagaaact ccactctaata 420
tcccaggctt tgaagaacca agaagcgcag ctagcgcgac aactgagag cctgc 475

<210> 27142
<211> 384
<212> DNA
<213> Aspergillus nidulans
<400> 27142

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caatcaccca tagatgccgc tctcgctcag ttccagcaac taaacgaccg gatcgacagc 120
gcgcagcggc ccatcaacgc ctacaacggc ggtgttttgc ttgctctccc cgttgcgaac 180
agcctctaca gcgcacacac cgctgcaaca acagcgcgct agtcccttac agcactagat 240
cccccttctc cagaggatag ccagcgtgcg ctggacgcat acaacgaggt tcatccgcgg 300
ttacttgcaa ctctcgcggc cggacgcgat aaggttcaca tgcttcacct ctgtgtttcg 360
tctctcacgt atatgatggg ctaa 384

<210> 27143
<211> 557
<212> DNA

<213> Aspergillus nidulans

<400> 27143

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aacggatgac agtcgtcgac gatgcttctg aagatgagca agaagatctc ttcccagaat 120

cgaggaagga aggcccagat gagacccgag aaagcagaaa ggaacgagat gagaggctta 180

gaaagatgat ggaagatgac ggtgggttgg tctcgaacat tgtgcatcat cgaataactaa 240

tgagcgcaga tgaagatgaa gagatgatcg atgctacaga gccgccaaca gaatccgaaa 300

ccatagacaa gccgcccccc aagcaagagg acctcaaggt tgaagccacg gtcaaaggcg 360

gtcgtcgcag aggacggcgg caagtcatga agaaagtagt taagaaggat agcgaaggct 420

acctcgggtga gtctatgctg ctactcggag aaatgccgga tttacctaat attttcccag 480

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ccaagaaaaa gccagga 557

<210> 27144

<211> 408

<212> DNA

<213> Aspergillus nidulans

<400> 27144

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caagcggccc tcgactttgc caacggcatc tgcggcgggtg ccggagtcag tgatctccct 120

cagtccgcca cctgtgctag cgatgcaacc agcaccacag ccaccgtttc ctctactgtc 180

acgaacacag agaccactac caccacggcc gtcacttcct ccgaaagtga tcagacttcg 240

acagaagctg cctcctcgac ctcggccgat acttctactc agacttcaac ctcgactgaa 300

actgagactc cagctagctc tgaggatact gacggtgcaa cgctctctccg gggcaagagt 360

gtcgggtgtcc ttgctggtat tgttgccggc attgcattcg tgctctaa 408

<210> 27145

<211> 495

<212> DNA

<213> Aspergillus nidulans

<400> 27145

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 atcttgcatg tagtgcatgt tcaggggccc aggtatgctg ccgctgccgt ggatattgcc 120
 agatgggtga gtgacgagga gcagcgtcgt gcctgcgtgg gcgatctggg aaatggacgt 180
 ctttgccacc accattcgac gcacgcccac tgcaatggac tggtcgcaaa ttgagatcct 240
 gctgcccgtg gatgacgagc attggttcca gtgccagctg caagagagct gcttcttcga 300
 accggatccg atacgccggt ggaagatgct cgagagctgc ggaaaccagt cgcccaaggc 360
 ctggttcatc gtcatcaact cgtaaatgaa agaggcgac ggactctcaa gccctagagg 420
 gatccccagt cggtcgcagt cggaccaggt tgacgaagcc caccaccagc tagagatcat 480
 cgccaatgca atccg 495

<210> 27146
 <211> 497
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27146

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 ccatagcata tcttgagcgt tgcattgtact aacagtgcct gtatgggttct agatccaaag 180
 tccctgtac tgtccacagc tcctcccaaa ctccgaacct tgaccatgaa ttcaagcagc 240
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 caaagtgcatt aaaatgcacg gttgagaagt cctctgctct tctaaccagc catttatgcg 360
 acatccaagc cgccaagaag actgggcagt ggtcaaagga ggagaggaag gcactaaagg 420
 ctgaagtga gagctccttc aaacctgtga agaaaactgt aaaggccttg tggaaagagg 480
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<210> 27147
 <211> 2252
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27147

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 acgcaacatt ccagaagtcc cgagcgagag ttggtatcta ggcgatcgat tctactgggg 240
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 gatcattcag tatgcaaagc ttcttcttcc ggggaaccaa aaagaaactc gaggcccgcg 360
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 ctatctgcga cagatcttga agtatagcaa agaatttctc acagagagag aagaactcag 480
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<211> 294
<212> DNA
<213> Aspergillus nidulans

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atgcaaaggt tgagcgatgc tttcttgaaa cgccgcgagg agacattcta tatatattcg 180
ctccatgaca aggaacgaaa acggatgcga tgtaggatag ccgaactaga ggccgaaatt 240
gaagagctgt atgtcaacgt ggatctttgc catcttgccg ccggtcagga ctaa 294

<210> 27149
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27149
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ttgcacaagc gcccatccta ctacgactcc tcgaactacc gcagcggcaa gtcggagcca 120
aagcaccat tgatccgcct ccagcgactg ccagttgcct cgctattcga aactgtcgct 180
gcagaggaac gggatatcgag ccaagagaat atcatcgaca aagttgggaa agacgggatg 240

aggatttag

249

<210> 27150
<211> 567
<212> DNA
<213> Aspergillus nidulans

<400> 27150

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agttaagtaa acagacactt atactctatg cgcttattga taggcgggta aaaggctttg 180
ctggattaac ggctcttcac gagatcgtag ttctggatcc cccaacgtcg gtgacttcgt 240
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tccaggacaa ctacggtatt acccctttaa tgtatgctgc aggaatgggc aagacagacg 420
tggttcgctt gctcatcgag caaggggcca accctttcat ccgcgatacc agatgggaaa 480
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acacggttca agacagctac tcggaga 567

<210> 27151
<211> 480
<212> DNA
<213> Aspergillus nidulans

<400> 27151

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gaggatgaag aggaggaaga gaatgcccgc tgctgcaaag gcaaagcccc ggccacctct 180
gcccgcaagg gggttcattt tgccagtcac gacaccctg aacatgcaga taggggtccc 240
cgccgcgccc agcgcttaca caccatgctg gccgtggcgg cccgacaggc atctgccgcc 300
gctgctgccc aggaagctct cgcccagacg ctgctcctgg tagccgccga gtacgccgat 360
gatgatgggt tccaggggtt tgggtggagag gaagaggagg aaggagaggg aggaggagat 420
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<210> 27152
 <211> 336
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27152

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 ccgtttatgc agatctgccg ggccattacg aactgtcgc cggacgagat ggagcgcgca 180
 tctgcggaag tcgaggcgca gacctgtggc tacgcaggcg ctgttaattc aacaggcgac 240
 tgtcgggctg gacccggcta tgtcgtggta ctttgcacag aagaaccct ttgcacattc 300
 tgtgatacgt acgagggagg agtggatttc gcatag 336

<210> 27153
 <211> 1108
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27153

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 ttacacaggt caatgccaac attctgctga cgatgaggta cgtccttctc ttcaagccct 180
 tcctcatctc ctatctgtct ctgcgcctaa gtacaccaac ctactaacat cgccaaccat 240
 attccgcgaa aacagtgtg tctccaaaga cgatgtgaga cagatcgcgg taatggtttc 300
 tgcaggaacc gtgataacca gacttgcgcg ggcgagtatg tcgttgggaa cgggtacgtc 360
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 cactaaatag tctaactcgc tactgcagcc cgactaccg tgtgtcggac cggattatat 480
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 ggatacgacg acaacaacaa caagaacgac gacaacgaac tcacctacac ctggcctcga 600
 aacaggagca gatggcagtg gcagtgggtg tggcgatggc ggactgtcag cgtcccagaa 660
 gggagggata gcggggggaa tagtgggtgc tgttgcgggtt acaagtatta tcttcttgct 720
 gtttttactc cttcgaagga gaagaaagca gcagcaacac gggcaggaac aaccggtggt 780

tgaagaaagc gagggacgaa gatctgatta cactggagag gggaaaggaa cggagaggga 840
gacaagtgga cataatgtag gtggcggaga aaatgagata ggggttgcca tgctggcgtc 900
gagggagaaa gccgagctgg atgcttccgg tcgggcgctg catgagatgg agtcaccgac 960
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aattgctgag ctggctgttc ctgagactgg tcctgaacat ggacaaaatg gacagaaggg 1080
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<210> 27154
<211> 498
<212> DNA
<213> Aspergillus nidulans

<400> 27154
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ccgcccacag cactcagaac ttgtttctgag agtccaaggc tagagaaagc ttccgaagaa 180
ctggtcagcc atgttaggac ttttgccgag gacgttgaac atcggatcaa cgacctgatc 240
tctagttgga gcctcaaaca gaaagaactt tctattcttc gagattctca taagaaagtt 300
atcctggagc gtgatgagct gaggggaaag cttaacgttg agataagaga gaatgaagga 360
tttaaaaagg agattgaaga cctaaaggca gagctgaagc taatgaaaga ggaaatgcgg 420
agggttgagg aggacaagaa aaaaattacc ggtgtttaca ggaccctcga ggagctgata 480
agatatgcga aggattag 498

<210> 27155
<211> 318
<212> DNA
<213> Aspergillus nidulans

<400> 27155
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gccgcaggcc tctttgagcc aggtgattcc agcgctagca caggaggcag cgtgccgggc 180
gtcgccctct ttgacgccga tagcaaccgt gttgggtttc agtccggcaa gggccacggc 240

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ccatcactcc gattttga 318

<210> 27156
<211> 465
<212> DNA
<213> Aspergillus nidulans

<400> 27156

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acactcattc tgtatttgcg ggccctggctg gaccgcgcca atgtcggcaa tgccccgagt 180
gtacgtcgcg cctatatctc aaggacctgc tggctgactg ctggctgact gtctaggctg 240
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accaaacact gtttagatag gctgtttgac tggacagcga tcaccgttac gtatgttcct 360
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gcttcgacc ctgtgcacgt gctgacggct tgtcacgggtg cttga 465

<210> 27157
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 27157

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gttttccaat cgatcggcca ctgcctcaac caatgcacca aggctgggta taatatcggg 180
gactatgcgg ctgtcaagga gaccgattgc tattgtggag acgtcgatcc cgcaaaggac 240
gatctggtcg atgatgatca gtgtaccacg cagtgtccgg ggtatgcgcc ggatgtctgc 300
gagtga 306

<210> 27158
<211> 276
<212> DNA
<213> Aspergillus nidulans

<400> 27158

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ctgggtctgct gtgcattcgc cctagccctt ggctgcgccg agttttggag ctctggtcgc 120

ttcactctca tcaaacccttg gattagacgg caactggcta ctgtgcgaaa acaactcaag 180

ccagtaagat ccgatgatcc tcgtgctgta aagcaggta tcaatcgcaa caatactgcg 240

aatacaggaa ctgccatgac agttgcggag gtctga 276

<210> 27159

<211> 387

<212> DNA

<213> *Aspergillus nidulans*

<400> 27159

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ttcagtaagc tcgtcaccac aagcccgaca ttctgccacg agatccttga gaatgacctc 120

atgcacgaac tcctccagcg cgtcttttagc aagcccgggc agggcatggg ctaccacttc 180

aacgacacaa tggtcacga agtgcaaccg ggcgcccccg cgcagcgctt ccaccgcgac 240

caggagctct acccgtgggtg gaactccatg ggcccagatg ctcccagatg cctcgtcaac 300

ttcttctgcg ccgtaactcc ttccaccgta gagaacggcg ccacccgtct cgtccccgggc 360

agcaaccggt ggccggagtc acgctga 387

<210> 27160

<211> 1247

<212> DNA

<213> *Aspergillus nidulans*

<400> 27160

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caagacttct atgcaaccct ggagcaatcc tccttctgta acaccagaa cggttcgttc 180

gtctgggagg acattaccga gtttgagacc ctgcagata tcgacaattc tgcgctcgag 240

cttgcgggcc cgaacttgga ccgtggacac agccttgtct cccgcgagga ccaatgcacc 300

gaactcacgg gtatcacgag aatgatctgc gacaatatgc ctagccgctg gaccttctgg 360

gcctttggcg ggccctgat catttactat gcccgaaggt taatgaccaa ctgggtcaat 420
gtaagttaag tcctcatggc taagcgagat acacaatcta gaaaaacacc tgggaggaga 480
ctgacagtga cgctctgcaa aaggacatcg cggtcgcaat ccaagcaggg aggaacctgc 540
gccgggtctg gagagatggc tcctcggggg ccaacgggct gacccccac gacgagctaa 600
gacggacact gaacatgaaa gcccgcgagg atgctgtcga ctaccacttt tcctgccgt 660
acctactcga caggcagggc aggcctgagg ccaatagttg gagcctgtcg cggcgatccg 720
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accgcgggaa gcgaaaccgg ggcactgcgc gcacctgctg cgactaa 1247

<210> 27161
<211> 479
<212> DNA
<213> Aspergillus nidulans
<400> 27161

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cccgtagact ctgcagttta ccgcataatca gtaggcagtg gtaagagaca catgctctct 180
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ggatggagca ttttgggtct tcgacctct tctggttaac ggcgtatggc cgccgatcca 420
accggttgat cccagcccc gtacctctt gacgcagctc cacgctctta cgagcatgg 479

<210> 27162
 <211> 381
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27162

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 ccacctcatc gtacaccatc ggcgcctagg tcaaacacag gcgggtatat gggaccgcca 180
 cctattagga cagcagtgcga gaacgaacac ttcccggtatt ctcacgcgca tggatacgat 240
 gatcataatc catacgacta ccacgccccaa aacctaggtc gtggccatag tccttacgac 300
 aacagcccat atgaccagcc gtacgcagat cactctccag ttggtaacta ccacgccatg 360
 ccgttcccac cgcaggccta a 381

<210> 27163
 <211> 231
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27163

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 aggaagagg agaagtggga gagaaggga atggaggggg ggggagaaga agagaaggaa 120
 ggagatgagg aggggagggg agggaaagga gggcggaag gaggaggaaa gaggggaaag 180
 aggaggagta gagttggtgg ggaagggaag aggggggaga ggagaaggtg a 231

<210> 27164
 <211> 276
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27164

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 gcggccgaat ggctgcaaga gaataacaag gcaggcgacc cgccaccaac tggcaaagtg 120
 gacaagtatc agacgggtgt gctcagcgtt gctcgcgatg catatgatag aagccagccg 180
 tcgagttgtc cgaccatcat gatcgggaca gccgtaccgg acggggacaa gaatgacggg 240

tggaagaac tgtacatggt gattactcgc aaatag 276

<210> 27165
 <211> 222
 <212> DNA
 <213> Aspergillus nidulans

<400> 27165
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 caggatggaa aaggagctgg tgatgctgta cctgtgaccc cttctccttc aaagaagaga 120
 aaggtggggg ccgcgaagga taaggagact cacatgagga ctactcctaa gagtacacca 180
 aagggcaagg gcaagggcaa ggaaaagggt gcgcagagct aa 222

<210> 27166
 <211> 408
 <212> DNA
 <213> Aspergillus nidulans

<400> 27166
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 atgagtattc tgcagacgga ccaccgggac gcgaacattt cacaggcgga ttttggattt 120
 gcgcggccga tcaattatag gcatttgcta gactttgtaa cccccgggtt gattatcatc 180
 tacccgccga gagtgggcag tgggtccgcac ggggacgatg aggggtgcga gttctcaatt 240
 gtttatgaac aggaactcgc ccaaactctt attgacgacc ctgagtggaa tgcatacttt 300
 gagtccgcg gtattgacgc ggttgatatt tcttcgacac tggaggtgcc ggagtataga 360
 tacccgtccc agcatctcta tgttgatggg agtgatggct atatgtag 408

<210> 27167
 <211> 372
 <212> DNA
 <213> Aspergillus nidulans

<400> 27167
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taccacctct tcttctcccc gcctctcttc ctctcttcca aacctcact ctctgttccc 240
 tcccttctct ctccctctcc cactctcctt cactctctcc tctctctttt cctcctctat 300
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 tctcgctct ag 372

<210> 27168
 <211> 333
 <212> DNA
 <213> Aspergillus nidulans

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 aggtttgtcc atctactata cacctttatc aagaacatat tggactaact tacgcagata 180
 aaccgcgctg acgcaaccgc aaacctact tcagacaccg atgccgaccc agaaaccgct 240
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 aagaaagact ccctctggca ggttcaagtg gcc 333

<210> 27169
 <211> 379
 <212> DNA
 <213> Aspergillus nidulans

<400> 27169
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 aggactcgaa gttgcgagcg aagaaagctc ggaaagacta cgaggcggac gagtgggaag 300
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 ttcaagataa ccaccaatg 379

<210> 27170
 <211> 609
 <212> DNA

<213> Aspergillus nidulans

<400> 27170

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cggaaggaac ctacaaagtc ggcgagatcc agggataagg ataaagacaa agagaaggac 180
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gcagcagtct cgacagcttc agactcggcc ccagttcttg cgcacacgac cactgtttcg 420
gttcctactc cgcggcctag tcccccaagt gcacctgcat cgcttcgggc gaatcactct 480
gagcttccac ctcaaccgca gatgacccaa tctcgtcatc tcgatctgac ctctcagttg 540
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ccgatgatg 609

<210> 27171

<211> 593

<212> DNA

<213> Aspergillus nidulans

<400> 27171

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aagcgcgtac aaaggagatt gtcgggtggc cgcccgaac tggggagctc aggatcggct 540
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<210> 27172
 <211> 288
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27172

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 tggcatcatg ggaaggttcg tgacatgcgg gatgtcggtc gccacggtga atttggaccg 180
 gaggtagagg gttgcgagca tgaaaaggag agcagcagag tagccatgcg tcaaagaaac 240
 ggtgtcagcc gtgaaatcgt agtcagtatt catagcggca gcgtctaa 288

<210> 27173
 <211> 1019
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27173

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<210> 27174
<211> 213
<212> DNA
<213> Aspergillus nidulans

<400> 27174

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tgcaagatga taattcatta acaggaagt atttaagcgg taaagagttt attccagttc 120
cacttgaaag acgtaaaggat gatggacgta aagtagagat tgcggcgca aaagagacta 180
acttaaagaa tgcgaaaatg tcattccgc ttg 213

<210> 27175
<211> 1515
<212> DNA
<213> Aspergillus nidulans

<400> 27175

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gtcattgccg acatcaaagc tgagcagggc gagcaggttg cgtctgagct ctcatcgctc 180
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<211>	832
<212>	DNA
<213>	<i>Aspergillus nidulans</i>
<400>	27176

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ggggaggaga	ggaggggggg	aaaagagaga	aggggggggg	ggaggaggaa	ggagaggggg	480
gagagcaggg	gggaagatag	gggaggggga	agagagagga	ggggagaggg	ggagaagaga	540

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 gcggcaaacg agaccctgga ggccgttcgg cgccaagcaa gagacatcgt attatctctc 780
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<210> 27177
 <211> 324
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27177

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 acagaccatg caaagtttga gagcacatct aacatcgagt ctggtcagga taccggaggg 180
 gagggtttct cgttatacgt ggggagattc agctctctgg cctacgcaac agatcaagtt 240
 gatatgtctg accttgagca cagagtccat cagcagaagc aggcactcat tattatgact 300
 caagattcta atcctaggca ataa 324

<210> 27178
 <211> 1623
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27178

agctggcaca ccaactcctga ccacccgacc cttgcgatgg ccaaaaagaa gggcggcaat 60
 aataagaaga agggtaacag cgccaaaagg gtcggtgtaa acgacaacaa ctttctcaac 120
 ccagaggttt ccaaaccagt ttccgacccg gcggaatccg aggaacatgg ggtccccgat 180
 ccagtatgca cagctccctc agtacagtta tcaatctttc gatgataatc ttcaatttcg 240
 ttatcaaacc ttcgaccgtt atacggctca gttctcatc catcctgtct ctgcggatta 300
 tctgacggct aataatcagg acaacaaacc cgatgccccg gaagctgaga aggaccaggc 360
 ccagtccca gatgctcctc agaaagatga atcaagcagt gaaaacgctt cctcaccgga 420
 ggcggaaggt atgccgcca actgtatcca gctaagcgta taatgctaag cgggatagca 480

tcatcgggtg cgacgacacc tcccgatata gtagaagagc ctaaaccgga aggctcagaa 540
 cctgaagcag agacgccagc cgaagaggct gctccacaat ctgctgagga aaggccagct 600
 gaggaagcgg ccgagccggc cgctgaaccg agcgaacaaa cagataccgc tcctgccgac 660
 cccgcggcgg acgaggctcc tactgaggag aagcctgcgg aagagacagc ggaaccagcg 720
 actgcagaac cggccgaaga ccagtcacct gctgcgaaat ctctgaaac tgaaaccaca 780
 acagagcccg aggcaacgcc tgcgcccaacc gaagaggccg cggccgagcc ggctgcggaa 840
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 gaagaaggcc cggcgcccag tgaggagaaa aaggctgcaa ctgagacgac cgaggaacct 960
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 gcggcgccag aagcagcaga gtcagaggcg gcggcggaga cagcaccagc taaaagccc 1260
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 gaagaatcca cagcttcgtc gggaaagaaa aagaagaagg aaaagaagaa gaagaagaag 1500
 ggcggagcaa cacagtcacc tccacctgag ccctctgaaa acgagcagcc ggtggccaaa 1560
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 gcg 1623

<210> 27179
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

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 gtgagggtcca gaaggatgct cggttaagact accaccaaac ctcgctactc aaccaagaaa 180

tgctaacagt tatagcgggtg tgccctgtcgt gcagagcacc gccgacgcag gtcagaagcg 240
taccctgtgag gacgaggcga gcgccgaaca ccctgccaaag aaggctcgaca ccaagga 297

<210> 27180
<211> 361
<212> DNA
<213> Aspergillus nidulans

<400> 27180

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cgtagcaaca aacggtttca gttcacggca tctcagatag cccggatcga gcgagaagaa 120
gagcgtgaaa tccaagcaca gaagctccgg gaaaaggaga agcgacgcac acagttaaag 180
aagaagaagg cagagaagga agcaaaagcc cgcgaggaac gaattcgccg tgggtattccg 240
gaccctaatag ctctgtctgt acctgcgagt cagccattgt tgttcaactt catcaagaga 300
acgccatctg ttcagccgga aagcgaaagc cctgaggagc agactagggc cgatccctat 360
a 361

<210> 27181
<211> 401
<212> DNA
<213> Aspergillus nidulans

<400> 27181

ggatcacaac cggccctttc cacgtgggtt cggctcgggg ggttccttgc ggccattctc 60
atcttccaga ggaacggggg tgaattcgat gtcggactag aggaactctc gtcgggaac 120
gggatcacga ttcttatcaa ggattttgaa gtgttgatc gattgacgta gagggaggta 180
agcataatgc taacaacgat ctgaggccaa caactgttaa taccttgccg tatcaacacg 240
gggagacata acgcacgata agctccagcc acgtatggga agaactgggg cttccccaga 300
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aacagcgaaa attagcacgc gacccgaaga tcaaaagata g 401

<210> 27182
<211> 479
<212> DNA
<213> Aspergillus nidulans

<400> 27182

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ggtgtatattt gcctgctctc ccttggtctc gcgcgactat gcaacatcct cgtcatccaa 120

cgccgatgcc gcgaggcggg gtggaaagga gctcccagac caggcggttca aggtgatctc 180

cttgctctcc taagcggcga ctgctgggtg cgtatccaag gcgcagtgga cgacctgaaa 240

gccatcaccg cgggccagtg gatgcgagac cggagcgtcg gcgaagacgt tgtatcggca 300

gttgcaactc ttctcgata cgtcagcgcg gtgctgggtg gcaatatcag taagactggg 360

cagggtttac tgctttctgg gatgattgtg tccgctgggc tgttgttttt ggccaatgct 420

gcaactgcc aatgaacat gaacggcagg gaaattcggg tcgtcaaggt ttcgaagag 479

<210> 27183

<211> 264

<212> DNA

<213> Aspergillus nidulans

<400> 27183

atggagacta tcaaggtaag catgtaccac actaaactct ctttatcttc tttgttccca 60

ttctaacag ttgtcgctag aacaactgtca actacgtcac cgagtccatc cagggcgccg 120

gcgcgacagc ctccaaggag gtgaacaaag acgtcgccaa ggacaataac gccgacctga 180

ctacgcgcgc cactgctgcc aaggacgtc tctttgacaa gaaggatgag aaggttcatg 240

agactcaggc agatgtttac aagg 264

<210> 27184

<211> 474

<212> DNA

<213> Aspergillus nidulans

<400> 27184

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ctaggtggtc ttgcggttgc cattcgcat ttcaagggtg gtgttgcat gatttctcac 120

aacgaagaat tcgttggcgc cctgtgcccc gagcaaattc acattgccga cggcaagatc 180

gttgctcgca caaataccgc catctctctg gatcgctttg aagacagcgc ttcatccact 240

ccccagcccg gcagcacggc cgccagctcc gtggccaaca gcgccgccgc ctacagccgtc 300

aactccggcg ccgaggacca gggcgagctc aagttcaagg ccaggaagaa gaagaagatg 360
 acccgtagcg agctgaaaga gcgtgaggct cggcgccgctc ttcgccacat tgaatggctc 420
 aacagtccta agggaaactcc caagcctccc gataccgatg atgaggctga atag 474

<210> 27185
 <211> 214
 <212> DNA
 <213> Aspergillus nidulans

<400> 27185

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 accacaggcg gcactttctc atcacggttt ggagccgagg ccgcttccaa tcaggggtcg 180
 tctatattcg gtgctggagc tggtagcggc agca 214

<210> 27186
 <211> 2645
 <212> DNA
 <213> Aspergillus nidulans

<400> 27186

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 gcactcgaag atacctcgt cgtaggtcc ttcgacagat tcacgttaca acttgccgac 180
 gacgaccgtg tttctctccc cgaatcgtac acggacagag atggagtaca ccgcagaatc 240
 gtacggatta tccttgatgc agacctcccc gttcttcaag cgcggctcgc gaaccggcca 300
 agcacggaca agtgggagtc cgaaaaagcc ctcttttact tccgcgcgcg gttccttgta 360
 cgttctctc atttccccct tccattgca caattttgac aggtcatcag gaattggccg 420
 cgttctacgg tctgcccgtc gtggataccg gaaagaagg agtcaacgga actgtctctg 480
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tgaatcacta cgacaattta catgatgcaa atgttccgct gcgccttcgt ctggtcgtcg 780
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 agacatacct tctctgcgat gctatcatag ctaccggtgg caccctccaa gcgaatgac 2580
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<210> 27187
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

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 ttcacctcac aacatgacga ggattacgat ttcgagccat ccttttgtga agccccaggc 180
 cccaagtcta gacttgaaaa gaggattgga ctgtctgaac cgcagacaac cttgtcctcc 240
 caaacaaccg atgaacggct tgttctcagc gatgacgata ttatagatga cttgtaa 297

<210> 27188
 <211> 375
 <212> DNA
 <213> Aspergillus nidulans

<400> 27188
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 atcaccagcc ctatttccac ccccgagtac gatacctcgg ccatggacgg atttgccttg 180
 agttctactg caacagagac tgccagtccc gagacgccag tcacgtttaa cgtcatggct 240
 accacgacag ccggcgaccg gccgtatccg gctgcagaca gtctgaggga tgcaaaggat 300
 agcattcccc cctgcgtaga gatcatgacg ggagctcctt ttcctactgg ccaggagtgg 360
 gagcgattcg actga 375

<210> 27189

<211> 225
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27189

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 caacttattg atgatttttag tatggtatct ttcttacagc tggacgttca ggacgaggat 120
 agtgttgctg ccgtgctaag ccatatcgat gccgccattc aattccatga ggcacaagag 180
 ccgaaagagc ctaacgatgc gcaggatggt gattacgagg attga 225

<210> 27190
 <211> 402
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27190

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 tatttatctg gttcctggcg atatgggaac cagatgaagg gctttgagag gttccgactg 120
 tttcctgtgc aacctggaat caacgccaaa ctacagtaatg gatgtctcaa cagcctctcc 180
 attgaattcc tgcagggatg gctctacttc ggtctgcttg ccgaagcatt cggcacggca 240
 gagatgaaat ttgaccacaga tcattacacc gaccgctctg cctacacagc gtttgtcacg 300
 accaagaagc tgaatcgata tatttggtat ccggctgctg acgagattga catcactcgg 360
 cgagcctcga taaatgtctt gagtttgcca atgccgtttt aa 402

<210> 27191
 <211> 411
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27191

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 tctctgcaac agcaaaagat gcccgccctt caagatgccg agctgtttac gtggcttacg 120
 tggcggccct ccaaggagag ggcgaaggag tatgaaggga gtgatgacgt gcctccaact 180
 tcgtatgagg aggagacggt tatgttccga tggggggtga gatacgaggc gcctgccgtt 240
 ggaagaaatt ggaaagaaaa agtgacgtgg caggtcggtg atgactggag gccaaaggac 300

gaagtcatca aggcgtttga ggatctcgtg ggcggagacg aggagaacat ggagtggaaa 360
gcgtttgagt ttgtggaaga gagggagcag gatccggagg attatttatg a 411

<210> 27192
<211> 253
<212> DNA
<213> Aspergillus nidulans

<400> 27192
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tcaaggaaaa tgtgcgcact cagcatgata atgctagtga caaagaacgt gctgcatatc 180
ataccctcat ggagtattac gaaccatta taatgaacga caagtccaa tttgccggta 240
tgactattac gat 253

<210> 27193
<211> 807
<212> DNA
<213> Aspergillus nidulans

<400> 27193
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aaagcatttg gcgacctcct tgctgcagac ccggccgcct tccaggtaa gttcaggaag 120
atggccgcct cagcgtttgc cttttaccgc ggtacggcat gtctcttcta ccatgacctc 180
gaggcgcaga cgcagaacga cgtttttctg gatgagcagt ccagtcgcat ctggatccat 240
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aacgtcaacg actttgacga agcctacgta ggccctttca cctgggatgt caaacggttc 360
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tacgaacgcc agtttacact cggcggcggc gctatcaagc tcgatgatgt aacgagagac 660
aaagtaattg ccgcgtttca caagtacctg cagacacttc cgcacgtgaa accggagtcg 720

agcgectacc ggggtcaagga cggtgtcggc cgccgtgggg tgggaatcgg atcagccggt 780
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<210> 27194
<211> 356
<212> DNA
<213> Aspergillus nidulans

<400> 27194

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aggatgatga tgatgaggat gatgatgatg aggatgatga tgatgaggat gatgatgata 180
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atgatgagga tgatgatgag gatgatgatg aggatgatga tgaggatgat gatgatgagg 300
atgatgatga tgccgatgcc tacagtaacg atgaagacga ttattattat agctag 356

<210> 27195
<211> 1108
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 27195

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tcaccctcgg ccgttttgca gggatgacac tctccagacg gccgacggga ctccaagacc 180
aacacttctg gtccgcaaga tgctgtccac tgcagtcccg cttctataca tgctgtgaat 240
tcagcgccca ccccgacgtt cgcattcaat cagtcgcggt cctgtcaaga aaggaacgcg 300
gcggcctcgc cggcatcttc cgaaatcacg agcggtcgac cgtcgtcgcc tctgatgcgc 360
ttcgttggat cctcggggga cctcgacacc taccttctcg cgcattcgta ctacgacgaa 420
cagaacacct ctctttccag gcatactcat attgtctacc agcgcctaca gaacctggag 480
agttcgctgg ccgagtcctt gccccgcgcg cttctgacta tgtgccggaa cccgtctctc 540
cccagagggc atgagatcac agacaccaag ctggtccaag aggcgcgaca agagggtccag 600
cagttgctga acgccgatac ggtgcagcgg ctctgcgccc ttttttcccg ctttgtgcac 660

ccatacctac ccatcatcga ccggaggacg ctgaccaaag aaagtccccg cctcttggac 720
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<210> 27196
 <211> 310
 <212> DNA
 <213> Aspergillus nidulans

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 aactgctagt cttcccgcg caatcggcat gtatgcgctc tctctcgcg tacaacggat 180
 tgatgaagct cttccggctc cagtctacgc tctctctcc ggctgaacg cctccactgt 240
 aggcattatt gctcttgctg ctgtccagct agctgaaaag gcaatccgtg ataagatttc 300
 ccgaatcctg 310

<210> 27197
 <211> 289
 <212> DNA
 <213> Aspergillus nidulans

<400> 27197
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 cacgtcttgt ctgaccccat tctctccagt aaatattcga tccgtggcgt cacacgagat 120
 gctcgaaac cggtgcaca agatctcatg atgaagtcac tcgatattgt ctcggcggac 180
 ttcgacgacc cggcatcgat ctatgctgcc ttacgaggcg cacacaccgt cttcgccatg 240
 acatgcacaa tctatgacga gcatgccaaa acacgtgaag aagaccagg 289

<210> 27198
 <211> 327
 <212> DNA
 <213> Aspergillus nidulans

<400> 27198

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<210> 27199
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27199

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<210> 27200
 <211> 238

<212> DNA
 <213> Aspergillus nidulans

<400> 27200

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 tgaacccgat gaggtcctgg acggatctca cggggtgatc gtggtacata ctcgacatcc 180
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<210> 27201
 <211> 692
 <212> DNA
 <213> Aspergillus nidulans

<400> 27201

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<210> 27202
 <211> 785
 <212> DNA
 <213> Aspergillus nidulans

<400> 27202

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 <211> 408
 <212> DNA
 <213> Aspergillus nidulans

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<210> 27204
 <211> 237
 <212> DNA
 <213> Aspergillus nidulans

<400> 27204

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aaagctgacc gctacacacc tttcattcct gttcgcgact atgtaattat ttggtatcag 180
ccttatgatg gaggatttca gagcggatgg gaccaaacgc acagtccaat catgtag 237

<210> 27205
<211> 690
<212> DNA
<213> Aspergillus nidulans

<400> 27205

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ggtggtcagc ttcgacctgc ccaagtatgt caactaagta attcttgtct agtccgtggc 180
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acagcctggt acccctgccg cccccggagg 690

<210> 27206
<211> 234
<212> DNA
<213> Aspergillus nidulans

<400> 27206

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agtctgttct tcattctgat tggattgagg atgcagctta ccgcgggaaa ggatgttgcg 180
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<210> 27207
 <211> 668
 <212> DNA
 <213> Aspergillus nidulans

<400> 27207

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<210> 27208
 <211> 243
 <212> DNA
 <213> Aspergillus nidulans

<400> 27208

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<210> 27209
 <211> 787
 <212> DNA
 <213> Aspergillus nidulans

<400> 27209

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<210> 27210
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27210

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<210> 27211
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans

<400> 27211

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<210> 27214
<211> 360
<212> DNA
<213> Aspergillus nidulans

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<210> 27215
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<212> DNA
<213> Aspergillus nidulans

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<210> 27216
<211> 463
<212> DNA
<213> Aspergillus nidulans
<400> 27216

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<210> 27217
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<213> Aspergillus nidulans
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<210> 27218
<211> 264
<212> DNA
<213> Aspergillus nidulans
<400> 27218

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<210> 27219
<211> 2556
<212> DNA
<213> Aspergillus nidulans

<400> 27219

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 aagtggcgca ttgtctccat gctggcagtt ctcatggccg gtggcatcgt cgttccgctg 1980
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<210> 27220
 <211> 393
 <212> DNA
 <213> Aspergillus nidulans

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 gctgctatct cgcatgtatg ggctgagacg atgggtcttg agtataacga tgagaaagtc 180
 gaccaggacg aacgcgggct gctcaagacg cactttaaca agattatggg gaaagccctt 240
 cagtgtggat acgaatgggt ctggcttgac cttttggcta tcccgaagaa gtcggaccct 300
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<210> 27221
 <211> 305
 <212> DNA
 <213> Aspergillus nidulans

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 ctctgggctg ggggtccagcg agataacggg gacggcttca ccctcgcccc gtacgacaac 180
 cacgatatca gctttgacgc caagcttgaa tccatccggc caatcttcca cgaaggcagg 240
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 atacg 305

<210> 27222
 <211> 321
 <212> DNA
 <213> Aspergillus nidulans

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 cgactaaca aagacgccgg tgcagacctt ttggctctga gccttgatcc agctttccag 180
 ggaaagcgcg gatattatgt tggccagaaa gaagaagctg cggcatcggg gaccggagac 240
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321

<210> 27223
<211> 935
<212> DNA
<213> Aspergillus nidulans

<400> 27223

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caccgaagaa caaccttcta ctgagggcgc tgctgagcag ctgaccagg aagccgcagt 120
cgagaaatcg gctccgaaa ctcttttcc agaggccgtc gccgccgagg agccagctaa 180
ggaagcagtg actgaggagc ccaaggcaga agaaaccgcg gcaccaaccg actccactga 240
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tgaagaaacc gctgcacca ctgagcccat tgaggctcag aaagaagctg cggaggagcc 360
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ggaagcagtg actgaggagc ccaaggctga agaaaccgct gcaccactg agccgattga 480
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agaagaagcc gcagaggagc cagttaagga agcagtggct gaggatcccg aggctgaaga 600
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cgagcctgct gtcgaagcgg aagccgcaac ggagaaggcc aaggtagagg aatcgaccac 840
tgtcgacgaa gttgctgaaa ccgaagtcgc tgaaacagca aaggaagtcg ctccgaaga 900
gccaagact gaggaacctg tcgccgttgc tgaac 935

<210> 27224
<211> 279
<212> DNA
<213> Aspergillus nidulans

<400> 27224

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gccatggcgc caggcatatc aggtatatac atcttgaagc ctgcaatcat gaaactgac 180
gagttcatcg agttcatcgc ggccttacac cctccagct tttgcagccg ctctgcaatt 240
cagggttacc tgcgaccgcc ttctgccag aacggctag 279

<210> 27225
<211> 274
<212> DNA
<213> Aspergillus nidulans

<400> 27225
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cacgtactct gtctctaaag ctageccacct caaatcacgg tacaagccat cgatttgctt 180
cgtacatcga aggtccgac cactgcgtta accgtctctt tgcattgtaga ttgcaaatga 240
tcgcacgggc tccgacacct atcctttggg atag 274

<210> 27226
<211> 351
<212> DNA
<213> Aspergillus nidulans

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gacattttta gcaatacccc cgcaggtgtc ttccctaatt cgacgcctga atgggttggt 120
tcatccacaa caaggtcaat gctatgctgg gaaagccagc atttgactgc aacaagatcg 180
ggtgactttt acgattgcgg atgtggagat gaggaagaaa aaagcgaggg cagtggctcc 240
aatagcggac acaagaccgc tctcgcgaa agtagcttcg gtgacgacac tatctcacct 300
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<210> 27227
<211> 259
<212> DNA
<213> Aspergillus nidulans

<400> 27227
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gcgtcgcgat acgctaccga cgagtcgcga tggccattgc tgaacgaaaa cgagggatac 120
aatggaattc gtgaacaccg cgctggcttt gaagatgctg aagaggagag tgttgaagat 180
gaggatgctg acggggaaga cgaggccgcg cccatcgagt ccacgcctct acttcccata 240
ttctccgcac ctcacctag 259

<210> 27228
<211> 417
<212> DNA
<213> Aspergillus nidulans

<400> 27228

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aagcctgatg ttccaatcaa gaatggcctc agtgaagaaa gtgcagtatg ttggaggcat 180
tcagatgagg ccgcacgctc agtacagcag ctggtgattc gactcgttgc ggatacaggg 240
gacgtgagtg attccgcatt aaagcccggg ccagagctgt actctggtgg catcgccagt 300
ctaggagcaa tgcgtttcta caaagctgat aaccattggg gtccttggct tgccggcggg 360
gaaagcttta aacacattta tgtgcgaggg gttgtttttt tgccaaagct ttggtga 417

<210> 27229
<211> 416
<212> DNA
<213> Aspergillus nidulans

<400> 27229

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ctaccaaga cgctcactct cccacctccg gtcttgtcac cccatctct ggagataata 180
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aagacgaagc ttccggggagc atggctccag agaacataac aagcagcagt ctagagtcct 300
acaaacctcc ttcggttgag tctctctat catctatgtc catcgaatgc tgccgtcaat 360
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<210> 27230
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans

<400> 27230

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 agcgggtggca gtgagacaac tacaacgccg gctacaacag actatgtgac cgtctaccgc 180
 accccggcct ctgaggcttc atctgagacg gcgtctgtgc cagagctgcg ggtgtcttag 240

<210> 27231
 <211> 330
 <212> DNA
 <213> Aspergillus nidulans

<400> 27231

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 atattagcta ttggcgcggg caaatggcgg atacaagtat aggagtcacg ctgaccgaag 180
 cagaattggg cgacggtctc tagattgacg acgtacctca ccatctgctt ctataccttc 240
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 ggcgtctccc agaccaagc cggcgagttg 330

<210> 27232
 <211> 330
 <212> DNA
 <213> Aspergillus nidulans

<400> 27232

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 gttgttatat ccgacttcaa gcagtctcca ttaaaaaagc gccgtggtca ggcaaactcc 180
 gataatctgt cttctgggga ggcttcgacg tctggagctg tggagagtgg tctgggggat 240
 gatcagggcg tcgctactcc tgtcagtgga gtgcgagtaa cccaggatat gcataccccg 300
 gaacaactgc tgtacgacac gctgttctga 330

<210> 27233
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans

<400> 27233

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tccggcaact acaacagctt tgccatcatt cgtgagaacg gcgaggccat ctacaacgat 180
gggtacccca aggacaggtc cccgtgcttc aacacgggag acggccgcac attccaaatc 240
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aaggagacta ctttcattgg gatctcgatt ggaacggatg catcctgtgt cgtggagttt 420
gacagtgatg atgcaggtca ctgccctgtc gatgatggga atgggccgct gcatgtgacc 480
aaggacgacc tctag 495
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<210> 27234
 <211> 276
 <212> DNA
 <213> Aspergillus nidulans

<400> 27234

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cctcgctcga ggctttctgt aggcaatcgg tttagtgaca atgacgatgg tcttctaagt 180
gatgttgctg aggaaatcgt ggaaagggac cgccagagga tgagacggga agttgttcgt 240
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<210> 27235
 <211> 308
 <212> DNA
 <213> Aspergillus nidulans

<400> 27235

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tctctgaagc tctttctgtg gaacttcgtg cctaccctgg aatcgtaaac acactactcc 120
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 tggctgcgctc gggggcggtt gaggatccca agtccgtcgc gcaagtcggg tataaggcgt 240
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<210> 27236
 <211> 369
 <212> DNA
 <213> Aspergillus nidulans

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 atcaaggggc ccattgacct tgtcgatatt accttctctc cgctcccacg tttccatgta 180
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 ggtgcgacat ggtggccaag taaagaggag tatatcatgg taaatatggg ctccaggagg 300
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 ggggtgttaa 369

<210> 27237
 <211> 856
 <212> DNA
 <213> Aspergillus nidulans

<400> 27237
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 gaattggtca gggtaacag tacgagtcct gcatccggtt gcgttcacgg cggcacagaa 180
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 gtccggccca agtccccag gaagaaaccg acccgctgt gtcctcga cgaacttct 360
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cgacccgccc ttcctggatc cctggcgctg tcccggatgc tgccatgaac ctctgtctcc 480
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<210> 27238
 <211> 540
 <212> DNA
 <213> Aspergillus nidulans

<400> 27238

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 gaagagtcag cccaggcaaa gccggaggaa accaacgcgg aaatctccgc catattcgcc 180
 gcagtgttga gggatgtgag gaatctacaa ggtccgccc aacacagagc cagtgacaag 240
 gccacgggag cggtgaggga ggaaacggaa aggcgcaaag aaaggctcgg aagtgaagcc 300
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 agggatgccg tgcagaccca ggagagcgag cgccacttac cggataccaa tgatgcgctg 420
 gcggagctcc ttcgaacaaa cgagttgacc ctagccaggg ccattgaact agtcgctgag 480
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<210> 27239
 <211> 216
 <212> DNA
 <213> Aspergillus nidulans

<400> 27239

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cagcgtctgc gcgagttggc caagaagatg actggcgag agagtgagtg gcgtgaagaa 180
tatgtgcctg atgcgggacg agatggcgcc agttga 216

<210> 27240
<211> 645
<212> DNA
<213> Aspergillus nidulans

<400> 27240
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aaatccatgg atgcaatggc cgcgctacga gaaggacaat tcaaagagcc acacgtcaag 180
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tacgcagaag atcaagttgt ggagaagagt gttgaggagg tcgttgaggc acgcttagca 300
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<210> 27241
<211> 219
<212> DNA
<213> Aspergillus nidulans

<400> 27241
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gttggcagca ttattgctac cctcggcaac aacctctaa 219

<210> 27242
<211> 222

<212> DNA
 <213> Aspergillus nidulans
 <400> 27242
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 cagggtgtag ccagagttgg atcgacgcaa gcacggacac tggcaatgaa tctggccccg 180
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<210> 27243
 <211> 213
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27243
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 aatgcctgcg gtactggagg cgatgcgacg ggagctgatg gcgagttact gctcgtccct 120
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<210> 27244
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 <213> Aspergillus nidulans
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 aatccgcttg aggcccaggc ggctcagcag cagcaggtcg acctgctctg caccggttgt 180
 ccacttgcca ttcaaagtgg cgacgagact tctctg 216

<210> 27245
 <211> 801
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<210> 27246
 <211> 699
 <212> DNA
 <213> Aspergillus nidulans

<400> 27246

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 ctctgaacg acaacggcag taagcagaag agcgccgggtg aggctctcga cgcaatcact 420
 ctctatcag cggcaacaca actcgacgaa gctgtccata tcgtcacaaa cgcgattctc 480
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gcaattgtgg cgaaggagtc gagggttgtc aagctctaa 699

<210> 27247
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27247

atggccgacc ttacgacta tattcggggc ggacctatgg agagacgtaa gcaattccac 60
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gtaacgcctt ctctgaacct gttgcagacc tataccatgc ttgatgactc tcgccctatc 180
gtgaccaact gcatagatga tgactgctct acgctcacgg ctgtaccac cacctcgcaa 240
cggagagagc gtacctttga ctga 264

<210> 27248
<211> 420
<212> DNA
<213> Aspergillus nidulans

<400> 27248

atggccgctc ttctgtatct tctgggcatt gtggcatccc tgggtgcggc tgcttggggtt 60
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agtccgataa gcaagaagct cgcagaggcg ctaccacata ttgtactttt gcatcgtaat 180
aaggctttct tcaagtctat caactcatac tgggcccac aggagcgtga ggttatgcaa 240
gcatgcatcg ttcaaccacg agaggctagt gaggtagcca aggtcatcgg aatttctcaa 300
cgggagtatg atgaacaaga ggcgtcgtg actagtagat ctggtgatgt cttgttcgct 360
gtccgagggg gcggtcagtc tctgttctt ggaggtgcaa gcgccaaagg aggcgattga 420

<210> 27249
<211> 630
<212> DNA
<213> Aspergillus nidulans

<400> 27249

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 gaaaaccggg gccacgacca gaaccaggga cccccaggc cggagcaaca agcaggaagg 180
 acagaggcca agaggggagc gcagcaccta agcaccacag gagcccgccg aaggagcaca 240
 accaaagagg ccccgaccaa aaaggaacaa aggccagacg acccgccaca accaggggag 300
 gaaccaaaca aaggaaaaag gacccgaggc caacaacccg agacagcagc caagccaacg 360
 gcccaaaaac agaaggcacc gaccccaaag agaccaaacg acccccgga gaacaccacc 420
 cgcgggagcg ggccaacaac gggaccgcaa cagaaagggc ggaggacacc cagcaccggg 480
 gaaccaggaa aaaacaaagc cgcacggcca caggagcggg aggcaaccag ccggggggcc 540
 caaccaccgg gccccaaaaa aggaaacccg ccaaaccgac acgacaaaaa aaaaagaaaa 600
 gcccagcgcg ccggccaagc caaacctga 630

<210> 27250
 <211> 271
 <212> DNA
 <213> Aspergillus nidulans

<400> 27250
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 ttcattgtctg ccctttgcgg ggctgagcgg ttgcccactc gatgtttttt tctctcgtctg 120
 gtgttcgcca gctctgtgag tgggtctgtg ttctgggtctg cgcggggcgcg tccggggtgc 180
 tgtgggtgtg ccccttgcgt cgctgggggc ccccttcgtt ttatcgggcg cccccgccc 240
 ggggtgtggg gtcaccgttt tgatgtgttg g 271

<210> 27251
 <211> 423
 <212> DNA
 <213> Aspergillus nidulans

<400> 27251
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 tattgtggaa actatatggt acaaacggtg gtggaaaact ttgagttcct tagccgtgca 120
 accgatcctg aagttgaaac agcatatgtc aagatcaaac agcagctgtc cagcgttggg 180
 ttggagcctg acccgctcgt gtccaagagg gaagttgtcg agaccatgtt caaaacaacc 240

tccgaacatg ccatgccatt tccagtgcga atgctggatg atgtggctac tgcgatagtg 300
gagtatgccc agactctaag caccctggaa agtctcgcgc cggaagccct tgaaacattc 360
gtggagctgc tgcgtttcgc ggtccaggaa caagggcaat ctggcataac agcgtccact 420
taa 423

<210> 27252
<211> 447
<212> DNA
<213> Aspergillus nidulans

<400> 27252
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gtgtcgacag agctcatgca atacgtcttt cagcaggacc gaagcctcga agtataaccga 120
agaaatcaat atcaccagcg cacaccaagc tatccagaga gtataccaag tcttctctca 180
tcaaccggcc ccggaacctc agctacaagc cctcttacct tggggccccc tgactacgac 240
ggttatcttg cttcgcttat atctctatcg cttctcgatg tgcctgacat ggattacttc 300
cctggagctg atatgagcgc gaatgtcatg gatgggtttc ctgacctcc gtcattcttc 360
ccatctggag aaccgatacc aacgctcaa gagaatatct tgaagaccag tttcgcggat 420
tctcccgttc cggcaaattc gcttttag 447

<210> 27253
<211> 317
<212> DNA
<213> Aspergillus nidulans

<400> 27253
acctttcttt tgctctatca tcaactcctcg ttcgatgacg ggaaataccc tccccgccgt 60
atcaatgttg aattgtcgta agtccatgtt taactttcat cttgccacac ctttccaagg 120
ctcactgaca aataacgtat attagcgtg gcggcggccg taaatccgag ctccgcatgg 180
ctaatatcga tgataagaac cagaagcttg cggaggagag gaagctcccg gctaaggtgt 240
ccaatacga accggtctat attgccacag ctgacgcgaa acctaataatg gacttcaccg 300
attatccatc cgattag 317

<210> 27254
 <211> 371
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27254

 atctacggcg cggccacgaa acaggtgctc tgctcgccat gacacgcaac gcgagacgtt 60
 gggtcgacac cgaagggcgc caccgcgtgc ccaatgccgc tgacgtcgtc ttcctctgga 120
 tcccattcaa accggagtgg tttgcgcccgc gcacctcaac ccaggagaca atactgcttc 180
 tcgcacgcga gattcgcacc cagttaggac cccatctgac ttcgccccat tatactctcaa 240
 cgctctcctt cacggcagac agggtgattg ccaatcttgc cggagagggc gagccccgtcc 300
 catcgcccca ggcgcggggt ttctcgccgc agggcgcgct ccctcttcag agggattttg 360
 cgtcgtccag g 371

<210> 27255
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27255

 atgccggtcg cccagcccat gcctccgtat acgccgtacc cgaacgccgg actgacgac 60
 gccagcgggc ctacaatcgc ggccgagttt cagaccttaa aggtagatat ccggagcttg 120
 cggatggacg tgcaggggtt gaggcgggaa atggtcgagg tgcgacaaga gttgaacacc 180
 aagctggact tgattctgca ggcgctgcaa caggtcaagg cgcagactga ggcaaaggaa 240
 acatga 246

<210> 27256
 <211> 502
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27256

 atcttaagcc aggttcagca ggatggcgcg agtattgtgg tcggtccgtt gctgaaaaat 60
 aacgttgaag agttgctgaa gagcaacact ccgctgaacg tactggcact gaaccagccg 120
 gagaatatcg aaaatcgcg caatatttgt tacttcgcgc tttcaccgga agacgaagcg 180
 cgcgatgcag gtactatatt cgtgaccagg gtaaacaagc gccgctggtg ctgatccac 240

gcagttcatt gggcgatcgc gtaccacatg cgtttgcgca agagtggcag aaactgggcg 300
 gcggcaccgt tctgcaacaa aaatttggtt ccaccagcga attacgcgcg ggtgttaacg 360
 gcggttctgg tattgcttta acgggtagcc cgattactct cagagcgaca accgactccg 420
 gcatgacgac caacaatcca acgctgcaaa ccacgccaac cgatgaccag ttcaccaata 480
 atggcggtcg tgtcgatgcg gt 502

<210> 27257
 <211> 312
 <212> DNA
 <213> Aspergillus nidulans

<400> 27257
 atggccaatt caacgtcttc cgataacgaa cctccttata tgagggcttt gaatgctgcc 60
 aggaatggcg aaaaagggtgc ccttgaaggt cgagatggag agattctagc gtcagcccg 120
 gactcaatat ggcggaaagt tgaaggcaat ccgaactact tgctgaatcg acatgaattc 180
 gcattgttca actattaccg acaatactac gagaagaccc cgaaaaacaa agaaatcgcc 240
 cggaagcggt ttgcgcggtt ttgggacaac tattcagaag gaccttcagg atctggaacg 300
 gccaaatcat aa 312

<210> 27258
 <211> 518
 <212> DNA
 <213> Aspergillus nidulans

<400> 27258
 atggccgtag gagacgccta caaggcgcgga caggcccaga aacaagccgc tgaggctgcg 60
 gctaaggcaa atagttccgt cgtcaagggc aagggcgcgag aaatcgagca cgtcgaagcc 120
 cttgcaagcg gtggcagcct cgtgaaaggg aaactcgga aacgacagcg tctgaaaagg 180
 cattttgcac gattctggtg ctgttacctt ctgcgcggca ctatcttcct cgccattttt 240
 ctgccggtct tgtatgttcc agttcaaccg tattcgcatg gcagttaatt gttgagacta 300
 acaggcacga atagcttccct cgtcgccatt cctgccatag cccagcgccct tgtcgaagat 360
 acctcgcttc ctgtctacgg cgcgcacatc acgaacccca agccggacgc gttgacattc 420
 accctcgact caggacttag cgtaccactc ggcctaagcg tgcggcttga tcccttcaag 480

ctagatcttt tcaaccgcga ctccgacccg gagataac

518

<210> 27259
<211> 539
<212> DNA
<213> Aspergillus nidulans

<400> 27259

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gtggccaggt cagccgctga caatcccgac ctcttcccc ggcaacacca acagttgagc 120
gtcgccgaaa tccagcgca actcaacagc atcctctcac cgagatctat tattttcggg 180
gtagacgatg cccgatacgt gaacgcgacg aagccttgga atactgttgc cagccgcac 240
atccagcttg tcatccagcc gggcgaggag gcggatgtct ctacaatcgt gcgtctcttt 300
ctctccttg attcgtaata taattgatag tgcataagta tcatactgca atgaaaataa 360
tgtcccttt ctgcacgcg accgcgcca cggcggcgcg tctcctca atgccttcac 420
cggcatcaa attgacctct cccctttctc agagatcaca attgactcct ccggcacctc 480
tgctcgttg gaggtggcgt ttatggcgga caggtggttt cctacctctg ggaccgggg 539

<210> 27260
<211> 215
<212> DNA
<213> Aspergillus nidulans

<400> 27260

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cctgcgcccg gcagtatcga gccaggttc gaggcggag tcgcggttga cgcacagctg 120
gatatcctcg tcaactccga agccaatatt ggtatcaaga ttggcggcgg caaactggtc 180
ggcggcgcta cctcatgga tgcccagttg accgg 215

<210> 27261
<211> 461
<212> DNA
<213> Aspergillus nidulans

<400> 27261

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atcactccac cgcacgggtg tttccttcca acctggaaag tcatcagctt caactggtac 120
aacggctccc acagcctcga ctgcatccac aatgaagccg acatcaacac gaaaggctgc 180
ctctgtggcc ggggctggtg ctccccagag ggcggaggaa ccgcctgtac cgcgcaagtg 240
gcaactgggt caacgtgtgc tacacgggca tgccaaacta tcagctgtgg gggtagggcc 300
ccccgcagac cctgaccttt gagttcgcag acggtctatc ctgcgccgac cagtacatcg 360
ggtttcgggt gcatgacatt ggtaatggcc cgagtaactg tggctacgcg gaccgtggcc 420
agggacgcat cgtctcgttc tacgggactt caaatgaggg t 461

<210> 27262
<211> 615
<212> DNA
<213> Aspergillus nidulans

<400> 27262
ccgtctagca agcttcgcga acgacatagt ggcagcttgc gaacggcggc ggccaggcgc 60
tcgcataatg tttttactga taacctatt gtcactggcc cgcgcacgag cagggtcaaag 120
aagaggctcg tggagataaa caccagcgac gaagaagaag agcaagattt agatgaccag 180
gaagaagacg aagttgatga tgaagatgcg cctggagaag atgatgaaga tgaggatgca 240
gacgcagatg gcgatgtgga tatggacgac gctccacctc aaccgccagc atcaagaaga 300
cacgccaagg ctgctgtaac atctgcgct agagggaagc cggtaaagag tgttgaggaa 360
aaagagatgg agcttgatga agaggacgat gaagaggatg aagaggagct atcagaacct 420
gattcgaatg cggatggtga agccgatgac caggaagaag gagtgacgct caacatggat 480
gaaaccggtg agcaggatga ggacgaagaa gacgaggagc tcgacagtga cggtgaaatg 540
ccggatatga gcaaattgac caaacgacaa aggggttctt tgggcaatga cttcctgcaa 600
ctcccaatgg gtttag 615

<210> 27263
<211> 202
<212> DNA
<213> Aspergillus nidulans

<400> 27263
atgaacttct cctggctcgc caccctcgct ctattggca ctgccatggc cgctggaaag 60

actgtaagtt aaaccgggaa gccggaggat ctccgagccc gacatatctt ggtcgttggc 120
atgtaacgca tcccagctcc cggccggtgc tccttgactt aaggatggaa agatgggctg 180
ctgagagtct ggtgtttgca tc 202

<210> 27264
<211> 984
<212> DNA
<213> Aspergillus nidulans

<400> 27264
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accctccgcc gccgtatgat gaagtgattg acgatctgcc tcccagtagc tccgaggccg 120
cgccgctagc tcagcagaaa tgccctggccc aagacgtgga cttggaggaa aagagcgatt 180
cgagaaacaa gtcgtcgcat caaactatcg acttcgagag ccctatcggc attagggagt 240
ataaaggcaa gaagaaaaag ggagggggcg cgaagaataa cccgcccccc cctgcgaatg 300
atccgcctcc gccgccacca cccgaagaaa aaaaggatcc accggacgaa ggtgccggtg 360
atgcaggagg ttccggagat ggaaatgatg acgacggtga taacggtggt gacggtggag 420
acgaggatga cggctggggg gatgtttggg gcacaacaac taaaagaag aagaagaagc 480
agaaacagaa agaagaggag gaaaggctaa agaaagagga ggaagaacgg ctggctaaag 540
aagaggaaga gcgtaaagct caagaagagg cggaacaaaa agccgcagaa gaggccgcat 600
cagccaaga tgcagcactc agctgggagg acgacgctga tgcgaacaac gacgactcat 660
gggctggagt tgggtggaaag aagaagaaaa agaagggcaa ggtaggtatt ttgtgtatct 720
actactaaag cgcttgatat tgactgaatt agttggaacc aggcggggccg gagccgccgt 780
cgaattcctt tcaagacgtg agtctgaacg atggagcccc tcagctcgat ttgaacttcg 840
actcgcaaaa atcaaccgga ttcggttttg gtgcttgggg tgggtggtgtt ggtggtggtg 900
gtggtggtgtg tggtggtggt ggcagcaaat ggggtatcga cattccaggt gcagctacag 960
gaaaaaacac gaacccatgg ggcg 984

<210> 27265
<211> 229
<212> DNA
<213> Aspergillus nidulans

<400> 27265
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 acattgacct acgcgcgccg cacggctagc agtcgtgttc agatcgggtt cggcctgggt 120
 agcggtatag cggtgcgtcc gtcccgacct gcacccgggt tctcgtcatt ccctgggtgc 180
 gatgggactt ggccgttcta caccggcttg gggggatttg ttatcgatt 229

<210> 27266
 <211> 273
 <212> DNA
 <213> Aspergillus nidulans

<400> 27266
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 gcctactggc tgctcttcc acttaactca ttcacctact ctctgcatct tcttctgacc 120
 gcttttgcca cgccgcatca tctttaactc aaggcggaaa tacctgctac tcacccaaat 180
 tttgctgccc cccaccatc gtaccctcta gaaaactgtc ccacccatgc catcttcccc 240
 cccacggctc ccgcctctgg cgcttttccc tag 273

<210> 27267
 <211> 479
 <212> DNA
 <213> Aspergillus nidulans

<400> 27267
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 aactggaggc agaagaggcg tctcgacaag cagacgagct gattaacttc gatgaagccc 120
 ccgcgtctcc cggtgtggaa gaagccaaag cgcctgcagc tcccgaagca gaagctgttg 180
 accttgcgcc tgcgcctgag ccagctgagg ctccggcgga ggaagcggca gccgtcactg 240
 ttgataagac agcgggaagat gaccccaagg ccgccgaacc agaaactcca gctgaggcgc 300
 aacctgaggc cattgaagaa gcacccgcac ctacggttga ggaagctgca gcggcggagg 360
 aaccgtcaat ggagcctaca aaggagcctg aaccgagcga ggctgctccc gtagaacagg 420
 ccacagaaga aactccaact gacgaggtta aggagccgga gcattgcagt cgctcctaa 479

<210> 27268
 <211> 369
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27268

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 tctgtcacga aacacccaaa aaccacaatc gacgtgaata tcgtcgagat cactccatca 120
 gaccgtgaca tttcatcctc atcctcatat tcatctgaaa tacagataga tgagctagag 180
 aacgaacgcg cccgcctccg ccgccacatc ggctctgatt ctgcacaccc accgcagtct 240
 caacctctct tcttcatcga gcgagtcccg gacacggaca cagcaccgat tccatgtagc 300
 cttcccggtt gtagggaggg aattgccccg ggttcacagc ggttggctct gaaccggggc 360
 atgagtggg 369

<210> 27269
 <211> 317
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27269

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 ccagggtctg tctcggtaaa taggtccag cgatccagaa cagcccgaac agagaaagaa 120
 tctcccactc acggccggcc gacttggtga ttgcggattg cttgctcgcg gtacattcca 180
 acgccagggt cgcattcttt ggctgcgga gcaaatattt gcgcgggctc gccgtcttac 240
 attcttctgg cgcatttcca cactgttgg aaggcttgcc gtttccggca tttccgattt 300
 cttccaggcc cagcatt 317

<210> 27270
 <211> 315
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 27270

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 tcgtcaggga ctccgcagct gactcccat tgtgactctc gcaagttctg ccaatccaag 120
 atcagggagc tggcagcggg gcatgatgga gcggcagggt acgtggtggg cgctgggccc 180

acgttggcca aagtcagcc gattgtcgac gtcgaggtcg gcataactaga gaggggagag 240
 aaacatcaac ggcccaagag tacagacgcg cggagtgtgg gatgtgtgat ctggtggaaa 300
 tttctgtgcg gctag 315

<210> 27271
 <211> 341
 <212> DNA
 <213> Aspergillus nidulans

<400> 27271
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 agtatggacc tcttctctat ctccggtct tcaacttccc ttagtcctc gtctcctcg 120
 cgtctgtggc ctacgagatc ttttaaggctc atgacttgaa catctcatct cgttacaacc 180
 cttcaatcga tgattccctc ttgattggtt cttctgtctt tggtagtgct ctttatggag 240
 attactttaa gttcatgaag aagctcctgg ttactaagct gcttggacca caggcacttg 300
 agcggtaag aggcattccgt gcagatgacg tccgttacta g 341

<210> 27272
 <211> 465
 <212> DNA
 <213> Aspergillus nidulans

<400> 27272
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 tgggtggtta tcaccatcct aggggccgtg actaccgtca tcgctggtct cttgccttc 120
 atggagggtc gtggattgcc acaacgtcac cggaaggatt tggttgagat tagaaaagtt 180
 cagacgtata ttgcaggagc ggagattaag ctgaaatatg gcgatcgcgc tcgtgcagtt 240
 cgagacgtta atgcttgcac cgagaaagcc cgcgcccggt acgagagaat gcagaacgtc 300
 atagacatga atcacctga ctcttatcag gatgggcccc agttaagag atgcaaccga 360
 ttagagggac atcgcctcgt cgcggatgaa aggacgcccc tactcagagc cgccgcggca 420
 agggccaccg gagctgacga ggaaggtggc cttggaggca gatga 465

<210> 27273
 <211> 273

<212> DNA
 <213> Aspergillus nidulans
 <400> 27273

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 caggagatcg aacagcagaa gccctatcga cctgcccgat ggcagagtaa cctgacgatt 120
 ttgagttgtg taagtgttcc cttaaagcgc cataggagta tcaatcaacg cacagtcatt 180
 ctcattagcc cctacagtac atcgccaact tcagcgacgg cttccagaac ggccttgcaa 240
 atcccacaaa tgtcatcttc aagcacctgc tag 273

<210> 27274
 <211> 306
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27274

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 ggaaggactg gaccggccaa tttcaccagc tccatccgag ctggactgct cgcggtgtac 120
 ggcgactctc atccgatcag tatgggcggc gtatttctcc tcaaggcggg aaaggccaga 180
 ttccatgtca tgccggactt tctgtctcca gagacctgcc gttcaaagat cggaggtcct 240
 agagcaggag tggctaaagt atcataccag cgaagcgccg gtgggttctg tgacctctt 300
 ccatag 306

<210> 27275
 <211> 510
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27275

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 cccacacagc cagcctacac cagatccgag aatccgctac tacaatgatg cccaggccca 120
 atcccgcgga caacgtcaag cgcaataaag caaccggtgt ctgcattgat gcgaacgatg 180
 cggagattag ttgtcttaac ggagctgaga gtctgcagct gctgtttcaa gacatcgctt 240
 ccgacgggct acctcacctc actgccgcta cgtctgagag tcctagctct aacgggtcga 300
 agcttccaga gatggtgccg ggatccatct acaagaacac agccagtggg cagacacgct 360

tccagccatt gcagccgccc gtcggcatgg gaccggtcgt gtcgaagaag aagaaccttg 420
ccatggctgg agttgacccg gatcgacgcg taccgcgac cctaggcggc gtcactctga 480
gtggcgatga gatagacgag atatttatat 510

<210> 27276
<211> 222
<212> DNA
<213> Aspergillus nidulans

<400> 27276

atgtcttcca ccaacaagtc ctctccaaag accttcgacg acgcttcgtc gacctactct 60
acagcctcga cttccaccgt catgaaagag aaggaggagg ccaagcacia gtggcagaac 120
aagaacaaga gcaacgccag caacgccagc aacgccgact ccaagaacia ggacgcagcc 180
ctccattacg aggccatggc tcattaccta gctttccgat aa 222

<210> 27277
<211> 534
<212> DNA
<213> Aspergillus nidulans

<400> 27277

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ctcctgctcc tgctcagaac cagcggtact cgcagcagca acacgactcc tacagtcaac 180
gatcattcgc tccacaacct catcctcaag cgccacaaat ccatcacgta ccgccgcaga 240
acgcatttcc tctccacca ccgcccact atcaaggcgc gtggccgccg cctcctccac 300
cccaaagcc caactttccg ccaccatttc cgcagatgcc acacatgcag atgccaccag 360
gtcagattcc gccccgcca gggccgccgg ggtcatatgg ttttctctct ggcggaagag 420
gctggcatca acaacctctt ccgccgccgc cgtccggacg gggctggcgg tagctatggg 480
tctactgtag tgtacgatag tcattgatatt gataagcttt caactggaca gtaa 534

<210> 27278
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 27278

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gacacacctc aacctgaggt tccctctact gggcctgagc agcaacaact agcagcagac 180

acacctcaac ctgaagaggc gcctgagctg ccaactgctt ctacgacagg agaggagcct 240

aacccccctg ctaaatacaga gggttacgacc cagggttgctc cagagatagt accagatctc 300

aaaccggtac ttgagtctgc gccggaaaga gaaccagagc cagagcaaac gcagaacatc 360

gagcaatccc agacgccgtc tgacccggac attccttctc aaacaccgct cgaagacaat 420

gatttcactg aaataaccaa acacgacact tcgtcaaate aacctcccgg tatgatcgat 480

accagattg agcacaacca ggaacctagc cagcagcagc taggc 525

<210> 27279

<211> 307

<212> DNA

<213> Aspergillus nidulans

<400> 27279

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cgctgcggtc cccgcaaccc ctcagagcgc gtgcacgctc agcacaggta cttcctcgat 120

atggaagacc gggaggctgc ggcccgcgcc agtgctggcg taactacgcg cgaggccttc 180

gatgtgacaa ttgacacctt cgtgcatggt atcatcacca actccactgc cgggatcaat 240

atgaccacct tgccgtccca gatcgacgag caaatcgacg tgctgaatga gaactacctg 300

ggcactg 307

<210> 27280

<211> 321

<212> DNA

<213> Aspergillus nidulans

<400> 27280

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ccgcggggagc gggagcggga atgtcttggg attctggctg acggtgttgg tgattgtgat 180

tcaggcgcag atctagaaga tgtcgatgga actgtgagag agggcgaagc agaagaggat 240
gctggtgtcg atgagcggga ctgggagcgg gtgatgcggc gggtagccgt gattccagtc 300
gtcatcgtcg atacattctg a 321

<210> 27281
<211> 373
<212> DNA
<213> Aspergillus nidulans

<400> 27281
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tgtcttcacg cccaagggga tggccaagta tcttgagcgc caacagtcag ctctgatca 120
tctcaaagac tttttctgct tagacgagtc ttaccgatcc atcactgact actgcggcgg 180
atctggggtg ggaccaagcg cccccagtca ctcatacaac gtctttgtcg ctgatgcggc 240
agatccagag gacgaaaagc gctgcacggc gttcaacggc gtgcaaaaca tgcaggagct 300
tctcgagacg gaccggccac aaattacagt ccaggtaacc cggtttagtg atgctaccct 360
gatcaccttc tct 373

<210> 27282
<211> 330
<212> DNA
<213> Aspergillus nidulans

<400> 27282
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gtcgcgccga aacttccaac tggctcttggc cttgagaagc ggcagactgt gagtatatac 120
tttattccag catctgttta ccttattttc tccgtccggc aggcctatag tcgagaagga 180
gtagagtata gattttctct acataacaaa catcttacgc tccctgtaca gcccactaa 240
acaactatca tactatagca gtgctccatg cttccctgcg acgaaaacac agcgatcctc 300
tgcagtctcc taaattgcgg gacttgtgag 330

<210> 27283
<211> 245
<212> DNA
<213> Aspergillus nidulans

<400> 27283

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tttggtacgt gccccgactg tggttggtag ctaagctacc agcgacggtg ggcccagata 120

cctggaacaa gtggaacttt ggagctgaca tgttcgccat ctttttagccg aactttattg 180

agaacacaaa agaccccatt atcatcaagc gtgcggttat cacaatcgcc cggagccctg 240

aggaa 245

<210> 27284

<211> 225

<212> DNA

<213> *Aspergillus nidulans*

<400> 27284

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ttgcgacctt ctaatggcgc cggcgaaagc gtatcggagg gagaggctgt gctgcggcgc 120

ctgcaacaag cagaacagtt tgcgcagtat gcgcgcgcac agaggatgta tgcgatgctt 180

gttgaccggt ataaccgga ctctctgatg gacgaggagg agagg 225

<210> 27285

<211> 903

<212> DNA

<213> *Aspergillus nidulans*

<400> 27285

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ggcagtgggt tctttgaggt caagtacttc aagcgaaacg catacctggc ccaaagccca 120

caattgtaca agcagatgtg tatcgtcggg gacatgcaga gtgttttcga gattgctcct 180

gtgttccgcg ccgaggagag caacacgcac cgacacttga ccgagttcac cggctctgat 240

tttgagaaga ctttcagctc tcaactatcac gaggttctcg aatttgccga gcagctcctc 300

gtattcatcc tttctcagct caaggagcga tatgcggacc aaattgccat tatccagaag 360

tcctacccca aggcaggcga tttcaagctc cccaaggacg gcaaggccct gcgactgaac 420

tatatggacg gtgtggcgct cctcaaggag gcaggcgttg atgtgtcaga acaggagcgc 480

ttcgagaacg acttcaccac tgctatggag aaacagctgg gacagatcat ccgcgaaaag 540

tatgacaccg atttctatgt gctggacaag ttccctatgg ctgtccgccc cttttacacc 600
aaggcctgcc cccaagatcc ccgcttctct aactcctatg acttcttcat gcgtggcgag 660
gaaatcatgt ctggagccca gcgtattcac gatgtgaagg agttggaggc ctctatgatt 720
gccaaagggcg tcaaccccaa ccaggagggc tttgaagact accatgctgc tttccgccag 780
ggctgccctc cccacgccgg cggtggattg ggtttgaacc gtattgttat gttctttctt 840
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taa 903

<210> 27286
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 27286
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gattctgcca acgaaaatga cgattccctt gtcgaaggcg cagagcctgt ctctccatct 120
ccgactccca aaccaaagcg ccagcgcaag accgccccca agccgcaagt tggtatcgag 180
aacgaagctg aaatggatca gtaagtatgg caaccttctt ccgtgttttag gtcgaccatt 240
gtttttcttg gaaaacacag caccggggccc gattatgtat tgatataata cagtgactct 300
gacgattcct ccctcaagcc tgagcagaaa cagctcgagg cagacctcac caacgccatc 360
aaagccgagg gccaatcac cccaagactt catcgctgga aaaccgatga agaacaaatc 420
atgacggaca tcaacctcga tgctgaattc gaggaatgg agcgcaacaa gcagttatct 480
gaagcccggc gtagcagtgc aaagcttgct cttttgcctg aatag 525

<210> 27287
<211> 312
<212> DNA
<213> Aspergillus nidulans

<400> 27287
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ccttctcttc catcgctcact tggcgtcaat gaccggcaga cgcgtgccga gtttgcccc 120
cctccttctc cggctcccag acactctcca gatccaagag tccagcttaa gacgaacgtg 180

acgattcgtc cagcttttggc acgccgccct acgatgaggc aaataaaaaa aaaatcagtg 240
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 tccctgggct ga 312

<210> 27288
 <211> 274
 <212> DNA
 <213> Aspergillus nidulans

<400> 27288

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 tatgtcctgg ttctccaccc acgaaaggcc tttctcccag taggcaaacc ggttgcctct 180
 gtacgtgaaa tggaagtcct cccaccgatc ctccgcaagg gtctgcatat attgcagcga 240
 gctgccaggc cacagcgccg tgattttgcc agtg 274

<210> 27289
 <211> 315
 <212> DNA
 <213> Aspergillus nidulans

<400> 27289

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 caccaccattc aaccaggcta tctactcct cagagcacg tcactataga accagtgaac 120
 acagcacata tcccgtcact ttctogaatt acgagcctgc tcttgcccat tcgctatcaa 180
 aactctttct acaccgccac cgttacggat cctgtgatcg cgtccgtctc gcgtgtggcc 240
 atctaccatg atcaccgggc cgcctttgcg ccagcggcag ctattgcca gtcacctaca 300
 acaggaacag ataaa 315

<210> 27290
 <211> 426
 <212> DNA
 <213> Aspergillus nidulans

<400> 27290

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ttcgctgcc accctaagga tagcaagtcc cgcggtctccc tggaaacata taatatcatg 120
 cttgaacgat caaatgatac atttcaatgg aaagtcgacg caaacgagct ggaggcaatt 180
 ctagggctat ggacattctg gctcttgaag tacgatgcga agtggtcgca gaatggcctt 240
 ggacgagtag tgggattgac taaagaagag gccaaagctg aaacaacaga tctatacttc 300
 cacaagtgga ttttccgaca gagggaggca atgatggtat catcaaagat gatgtccttt 360
 ccagggcaga ctttcgggta cttttccgat gattaccggg atagcaaggg agattctttg 420
 tcgtaa 426

<210> 27291
 <211> 204
 <212> DNA
 <213> Aspergillus nidulans

<400> 27291
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 ttggagccgt ccccaaactg tctgtctggc agcatcctac ctttctctgg aggtttgtag 120
 tctgtagca gcatcgctgc gtctacctac tctgctaaga ttatgcaggc cctgggctat 180
 catgcctctg gctggatact tgca 204

<210> 27292
 <211> 1564
 <212> DNA
 <213> Aspergillus nidulans

<400> 27292
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 taagaggtgg ttaggatcct acaccagtgg aaaactgagt gatgatttag cgacggacct 120
 tttcggcgag atctacaaaa caaagtacgg tagttcaatc ccgaacgaaa agtggcgagc 180
 gcttgccgag ctcttactta atcaggggtgc cacggggcag gtcgtcgacg aagcgctgat 240
 agaacggggtc agggctagag acctcgcaag tgtgaagcta ttgctacgag aaggcgcttc 300
 tgtagattat gacaacgccg ctgctcttga tgatgccgtt gcctcgcaaca atgaagagtt 360
 cattgacgct ctactgcaat atcagccggc agccgagtcc gttaactctg tcttctggcg 420
 cgtagaagat cttcctcata gtgtccaagt gcgcatcgcg cgcaagttgc tcgacgctgg 480

tgccaatggg gagcaagtgg atagagtact gaaggtggcc atagccccct tggctggtga 540
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 cgaagcccag agatacaaaa taatccacat gcttcttcac gcaggtgctc gtggcgatga 780
 gatctcgcaa gcattggtag atagtatcga cgggaccaca tccgggcttg atctagccct 840
 actgctgctc actaccgggg aagcaaacac tggcttcgag aacgggagat ctttcaagaa 900
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 ggattccgat ttctgctctt gtctccttgc tgcgatagac ctccaccagc gggatagaac 1020
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 cgttgacgcc attgcattgg acatgtttga ctgcttcaag ttgttcttag gcgtccatcc 1260
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 cgaccgcgcg gccgacttac gatacctcca agaattgctc gctacgggtg tgccccaggc 1380
 aactctggac aaggcgttat tgcacagtac cgataagcaa agcgaacaac tggttcttct 1440
 cctctgcga tacggtgcat ctgtcaatta tcaagatgga gccgcagtgc gcaaagctat 1500
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 ttga 1564

<210> 27293
 <211> 210
 <212> DNA
 <213> Aspergillus nidulans

<400> 27293

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 gcggcctccc cgagaagtac cagtttgacg ctgctgctcg gttttggcgc atttgcgggc 120
 gttgattcag acattgtgga cgaagcccaa cgaagagacg gttatatcga tcaggctgctc 180
 ttgcagcaac cgctgggtta tcaatcgtag 210

<210> 27294
 <211> 359
 <212> DNA
 <213> Aspergillus nidulans

<400> 27294

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gcgtctttac gttgctaaga tcgatggaaa aatcgccggg acagcaggac tagcactcat 120
caccacatct cttggcaaag ttgctggagct gtatatcgac agcacgcttc cagagttcag 180
ggggagggggc gttcaagtgg cattattgaa agctagactt gctgaggcga agagagatgg 240
gtacgatatt gctgctgtga caacgtggcc tgggtggtgtg agtgcgagga atatggaaaag 300
ggtaggggttt aagctggcgt ataggaagga tgtttacact cctgggttctc ctgggtgtg 359
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<210> 27295
 <211> 369
 <212> DNA
 <213> Aspergillus nidulans

<400> 27295

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gcagtcacaa gaagttattc ctgtgaagtc aacaagaccg cgcgagacga agcaagaaaa 120
aaatccaggg gaagcggtag atcaggagca caactggacg tgcgcccagg gcgtttcaag 180
aaggtcaagc taggagaaga agcggactgg gtgtgtagaa gcctcgagag tcgggagatt 240
atcgagagaa tagaaaaggg agaggggaag ggaacgaaga agcgagagaa gtggaaggac 300
gatgaggagg cagagaaagg cgatcccaa gtgggaagcg ggaattggaa ccacggggcg 360
ggtacctag 369
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<210> 27296
 <211> 474
 <212> DNA
 <213> Aspergillus nidulans

<400> 27296

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ttcaaagggc aaacgacgcc aggtaacgcc ggaacaagga aaggaccg ggcgagacgg 120
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gacagagggg aaaacaacca ggggaagaaa caagatgaca agcgcacagg ggcgaacgac 180
acaaggaacc ggggcgaaca gaagcccagg ccacgaaccg gaagggaccc ccaaaacggg 240
aacccaaaga gcgccgtgcg gaatggacgg ccacagggga accccagaca agcctcccca 300
aaaagccaga ggaccacctc tggaacaaaa gagccgagcc ctcagaaaag acacccccaa 360
gcggggccca ccggaaggca cccgccaggc caaggaaccg cccaaccccc cgggccccaa 420
gcaaagcgga actaccccgga gaaagagaag cttagcacc aaacccttt ctag 474

<210> 27297
<211> 243
<212> DNA
<213> Aspergillus nidulans

<400> 27297

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ggggaaacaa agccccggcg cgacgattcc atcgagctca agcgagagat aacgcgcttg 120
aaaattgaga acgatctccg tgctcttgca gagtctcgag agattcaacg gctccaagct 180
gaggtgaagc gcttgggaag gctcaagaca gaattgaaca gagcgattga ccggttgat 240
tag 243

<210> 27298
<211> 484
<212> DNA
<213> Aspergillus nidulans

<400> 27298

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attcagagta acgttccggc tcttaaggta tgatatttcc cgcaagcaaa ctggtctcgc 120
atatcatgaa ctgactgttt ttggaagggt acacaagaga ctgaaattga gctcgacatt 180
gatgaacttc ccaatgatgt tctttggatg ctgctcaagt tcgtgaagaa aaacgcacct 240
catgtagttg aggagggacg aggcctcctc gccagttgcc cccaatgctg caccacccaa 300
accgaagaag aacaagccca tgagcaagta cgaacaggaa gctcagatta atatgctcga 360
aagcaacctc tcacgcttcc aagggggtgg gcacggtcgc tctcccgaac cagttccttc 420
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gtaa

484

<210> 27299
<211> 984
<212> DNA
<213> Aspergillus nidulans

<400> 27299

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ccactgagtc tccaatcttc acagtttcaa tcccaatcaa acccgcggtgc cgtcaatctc 180
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ctggcagagg agattgagag gtttactact acgccgacaa ttccggagga gaaacccgaa 420
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atcagcaacc ttgcaccct gaatcaggtc cgggcgcgct tggaagaagt cgttcagacc 540
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atctctgttt ccgcaccaga tttaggcccg gacagtcaga cgcgtgagga gaaaggacag 660
gaagctgcaa agaagctacg tggtagatc aatgagcttc tggatagcga tgggtgggctt 720
gaagctgcag cgcgcagggt ggaggctcta cggacactat ctttggtgtg gaaggggaca 780
gcggaggaga aggcgcgggt gaggtttgtg gacggattag caaagctcgt cgaggagcgg 840
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cgagaggaga ttacttgga atga 984

<210> 27300
<211> 611
<212> DNA
<213> Aspergillus nidulans

<400> 27300

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tccatccgcy cctggctgtg tcccaacgcc tggaatcagt ggatcttcgc gtatccagat 180
agtgcgtggt gcgacgcagg tgggtggcatc gtcagcgcgt tctacgggtc ctgggaaatc 240
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gtgcattctg tcataatgaa gctcgtctaat gagggcagga tatcactgag gaaatcatca 360
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ggcgatatct gggccggcgg ctggttcttg gcgataact cgcggagctg tgtgcatcct 480
gtcaagagag atgcactgcc tgttgcttcc gttcctgttg gggatatcaa tgctgaaatg 540
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agtccgacga g 611

<210> 27301
<211> 533
<212> DNA
<213> Aspergillus nidulans

<400> 27301
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tgcaattgcc cgattcccat ctcacgcgc aatttcgcgc aacaatcacc tcccttggcc 180
gtgaatccgc aacgctcggc cttaccacta gcctcttcaa tgacatgctc tatttccact 240
ggcgcgtcac gcatgatttc cccgaggta ttgcgttatg ccgcgagatg gaagtcactg 300
gtgcgcagcc caacatcggc acgatcaata tacttgaggg tatcgtgcgc gagcgcaatg 360
aagacctcgt gaagcgtcag tggggcgaga cctcggagca gccatggtgg gatttccccg 420
ataatcggag ggctatgcgt aaattgttag gggaggacgg gatgcttgag aggttcagga 480
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<210> 27302
<211> 777
<212> DNA
<213> Aspergillus nidulans

<400> 27302

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gccgagaaga ccggctgctt caccaacgtc gatcgacga tgcacctgag ccgcaaggcc 120
gtcgaccgcg caggagaagc taaagctgat ctcgacatat tcctcgattt tgcgcaaagg 180
atggacttta ggaatagggg cgggggtccg ttgatcccg ttcacgaatcc cgaggaggtg 240
tttgaagaat ggaagaagat gtcctacggg cgcccccttg actgcagcga cctcacgtat 300
gagaagttgt ccggcgggtc tgggatccag tggccatgta caaaggagta cccgtttggt 360
aaggagcggc tcttcgacga tggcaagtgc ttcacggaca ccgactactg tgagagctac 420
ggccacgacc tggagaccgg gacgccgtg acgaaggggc aatacagggc gatgaatccc 480
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gcagatgcag atgagctcgg cgtcacgaat ggggagatgg tgattgtcag atcaaggagg 720
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<210> 27303
<211> 329
<212> DNA
<213> Aspergillus nidulans

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aatgcgctaa acagctctat tggaaactggc gcacaggcat taaggctcca gacttgcaat 180
tcacctgctg ctagggaaga cccgagccat gactggggcc gagcaggagc gacccgccgg 240
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cacgagcccc aatagacaca gtctgaag 329

<210> 27304
<211> 282
<212> DNA
<213> Aspergillus nidulans

<400> 27304

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atattatcga tgatacgatg actctgacct gactatgggt tcaggcggag atcgagaggt 240
taaaaatgga gttgtccact tcgaaagacc tcgagaaagg ttatgctgag aagatcgggc 300
tcatggagat ggaaatcggg ggattgcagg ttgacaagca gacagcgaga aaccagattc 360
attgcttggga gcagaggagg gaggagctct ccaaaagggg gatggaactg acttcgactg 420
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<211> 579
<212> DNA
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gttgatagtg acggggatgt ggattttcgc tctacgaga ttgtcgactt gattcctgag 480
ggagatcagg gccagctttc aacagcggaa aaacaccgtc aaacaacaaa gagaatattg 540
cccaggaaaa tcgatatcat acgccacttc cttcgaact 579

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<211> 317
<212> DNA
<213> Aspergillus nidulans

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 ctgaacacat cggaggaata caagtacttt caggagccgg ggaatgacga gatccacgcc 240
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 acacatatca tccattc 317

<210> 27310
 <211> 255
 <212> DNA
 <213> Aspergillus nidulans

<400> 27310
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 gacgatctat catactttgt cgcggagatc gcgatgcgga aaatgctgca gcgctgcaca 180
 tgggcgacga cacgctggcg cagggcagac acgtctacgc gcccatcgtc gccgtcgaac 240
 ttgagcgcca attag 255

<210> 27311
 <211> 224
 <212> DNA
 <213> Aspergillus nidulans

<400> 27311
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 gggttcagtc tgtcggatcc ggatgcgtga gcacgctcg caccaccgtc tctgcagtcc 120
 agtccgcaga gccggtgttg cgttggttca actgcagcag gaggtctgag ccccgccggt 180
 aaaggccacc agcaggctgc caccaatcaa cggtatacaa ggct 224

<210> 27312
 <211> 255
 <212> DNA
 <213> Aspergillus nidulans

<400> 27312
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ggatgggaga gtgagtgggg gaagaaggga gtgtgccaaa gagggacgga ggatgaaaga 120
gaggggaaga gggagggcac gagtgaaagt ggattgaggg cacgtgggga gttcgtaggg 180
gtgagccgat ggaagccgaa ggggtgaagaa ggagtggagg gagatgggga aaaagaggag 240
aaggtggagg ggtag 255

<210> 27313
<211> 246
<212> DNA
<213> Aspergillus nidulans

<400> 27313

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gtattcaact ccaccactgg tgttgtaacc aaccagatgg gtccttttac actttagtc 180
gggacgaacc acggcctggg aaggattgca aacaccagaa tgagcatgat gcatcggcag 240
aagtag 246

<210> 27314
<211> 249
<212> DNA
<213> Aspergillus nidulans

<400> 27314

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gacttccgca ctcaaact tggattgag tcaactaatg gtgaagatgt cggccactat 180
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ccaggctga 249

<210> 27315
<211> 258
<212> DNA
<213> Aspergillus nidulans

<400> 27315

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 cggttgcaat cgacgtcgac gaactcagct ttgattatcc gttgactgta aatacaacct 180
 tcggcgactt agatgacggc ctcaccatcg acgcttggat gcggagggga ctcagagttg 240
 acccgagtgg cgtacccg 258

<210> 27316
 <211> 396
 <212> DNA
 <213> Aspergillus nidulans

<400> 27316
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 atcgtaaaca ctatcgagcc gaatggctgg atcaagggtg ggcagtggaa gacgtacaag 180
 gtgcctcact ttcacaccca ttgccacgaa tgctatggaa tcatccgagg gggatcaacc 240
 tatctccttg gggtcggccc caacgacccg aaggctcgacg aggagggtag tccatatggg 300
 atgaagtga ctgtccaaaa aggggatgtt tttgttctac cggttaagtgc tacttcaagc 360
 aaatgcggaa tgcgtgacta caccggagga agctaa 396

<210> 27317
 <211> 357
 <212> DNA
 <213> Aspergillus nidulans

<400> 27317
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 gcgcccacac ctcttccct agggctcgag cgggaattta ccagggactc cgagctcgag 180
 agagaagacc ctatttggga cgattatgac ggcaagcccg taaagtcgaa gaaggaggag 240
 acccctgtta aagccgtcaa aggattctgg gccagcttgg gagcagctac tatgggaagc 300
 agtaaaccaa aggccagcaa gaagaaatcc gaggagaagc ccagagaacc tgacccg 357

<210> 27318
 <211> 378

<212> DNA
 <213> *Aspergillus nidulans*
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 ctccaaccaa gcaacaaata tccagcggtta gatacaatgt cctccaagg caaagtctac 120
 gccatcactg gcggtgcaag cggcatcggg ctcgcaaccg ccaagctcct ttctctcgcg 180
 gggggcaccg tttgcatagc cgacgtcaac ccgaccactc tcgccgaagc agaatcctat 240
 ttcagctcca agacaccggt cgtccaatac acaatcactc aagtagacgt ctccaacaga 300
 caacaggtcg attgttgat cgcgtcgatc ctaacgaaat accagcgtct tgacgcgccg 360
 ccaatatcgc aggcatag 378

<210> 27319
 <211> 254
 <212> DNA
 <213> *Aspergillus nidulans*
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 tggctctcga aactcggcca caacgtcact gtgatcgaac gcgcttcttc actgcgcgca 120
 agcggattgc aagtcgacct ccgtggccct ggcatccaag tgcttcgccg gatgaagcta 180
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 ggccgaagat gggg 254

<210> 27320
 <211> 621
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27320
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 aagattcggc ttagtttgct atttacggtg ggactggcgt acattataca cccatatgga 120
 agtggatcgc tgaggctaät gaagtcagaa catgcactgt cagtgccgcg cgcctctcag 180
 ttgttgtctc gcagggtccc acagacttta cctgtaaggc tatcaccctc ctgacccttc 240
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 gcagctggta tcgcctcgag aattacctcc accgaaaggc aaatcgaaat ctagagacta 480
 gtacagatac ttactataca actcattcat atacagattc gaccgagatg ggtgggtatcg 540
 ttgtccaacg gaattttgag caggtttctt cgtatacggg tgttgattta ctgcggaag 600
 aggaagagac aggagtgcc a g 621

<210> 27321
 <211> 255
 <212> DNA
 <213> Aspergillus nidulans

<400> 27321

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 agtgcggggtt ttaactcggg tgatccggaa gagagtccca ctaaaaaggc tagggatgag 120
 tccaaaggga aggaaagaat ggctgttgct aggaccaacg aatatgctga tagtgatggt 180
 ggtgaaaatg aaggtatcat gatggatgct cttctgaata tggaaaagga ggcttctgat 240
 acggacttcg actga 255

<210> 27322
 <211> 357
 <212> DNA
 <213> Aspergillus nidulans

<400> 27322

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 gacattactg gcaatggctt caatgatttg atcgtaggct ataattttgg tcctaccatg 120
 atcaactcca atcctgatgg tggatgattt atatggctgg agaaccggg caacaacccc 180
 aacgcggagt ggaagcaaca ttttattggg agatggcaa cggtcaccg ccttgagtc 240
 ggttacttta cccaaaggac gttccctgag gtcattgccg cgccggtagt acatgggcca 300
 tacgataagg caagatccca gtggcataga gatacccgg ttactaactt gctatag 357

<210> 27323
 <211> 383

<212> DNA
 <213> *Aspergillus nidulans*
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 ctgaacgaga ctgtaaagct gaacgaaggc gagaatggag aaacaaatgg ccctgtacac 120
 ccacggaaaag gaatgccgga gtggaaatgg aagggcacc cttgctgcag 180
 actattatta gcggtatgtg tgtcattatc ctgccccct caaccttact catttaacat 240
 gtgctagggt acgatgttag caatgtcgcg aatatccaag ctgcctgta tgagaccttt 300
 ggaaatatcg agcttctgcc ctgggtgggt ctgtcgtaca gtttggccaa ctttgcgctt 360
 atctcgctgt cccgaagat ctt 383

<210> 27324
 <211> 1349
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 27324
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 cccagctact ggctggaata tatgccgctg ctggcagggt tcgtctttgc cggcgatcga 180
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 ccctaatactc agctaccttc aatggcttcc tgcttgccat gacggtcttg tctggcgact 420
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 ctgattcgcg agccgtcacg atgtttatcc ccgagcatct cctgcgcggt gtcttcgtca 720
 ccgagacgcc cgtccggtca cccgggatct accggctggt gcagtggacc ggctgggtgg 780
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tcgcactgat gggtcattcca accgtcctga tatgctacgg ctatggttgt gacgactcta 900
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<210> 27325
 <211> 342
 <212> DNA
 <213> Aspergillus nidulans

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 gggctgtcct tctcgtcctt ccattcgtct ccctttcgca cagcaccat gagatgcgaa 120
 tatgcaactc cgagtatcgg ctctacaggg cccggctgga ctgtgtccaa tcaagatccg 180
 ttaaggaagc agggcgcggc tcgagaaagc ggtatcatga ctgcgtcgaa catgcgacag 240
 gtgagcatgg gaagcgtcct tggccttggt gttggagttg gattaagggc gttctcgcgg 300
 gtattcgtgg tccttttcgg catggggatt atattggtcg ag 342

<210> 27326
 <211> 596
 <212> DNA
 <213> Aspergillus nidulans

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 aaggccacta gaaaacctga tctcgccaac atgcgcagcg gcactggcca gggctcctgat 180
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 agcgctgctc taccgaaagg ggatgttggtg ctttctatga atgcctgggg atataggtta 480
 gtactccgca gctattattc gggctcattc ggatgggcga catgggttgt tgacggttct 540
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<210> 27327
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 <213> Aspergillus nidulans

<400> 27327

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 gtatataagt tcaaagacgc gaaggagggc atccaaaaaa tatgcaaaga gatccagcct 180
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<210> 27328
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27328

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 gccgagcggc gctggaatga ctttgaagtg ctggagccgg atgagggcta tcgagttgag 180
 tgttcggggt ggagtagcga gaggggtccg cttggccatg tctttgtgga tgtgagtgaa 240
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<210> 27329
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<212> DNA
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 ttgctggtat atagttccgt ccttgtcttc accaccaagc cactgcaact cctcaaggca 180
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<210> 27330
 <211> 230
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 <213> Aspergillus nidulans
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 gccatacatc ttcttgagga ccatcggaca ctacctccg aagtactatt cgcggatgta 120
 tgtacaaggc tcttgcataat gctatcaggt aacctatgca tttacaggta ctttatgccca 180
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<210> 27331
 <211> 423
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27331
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 agtggtgcaa tgaaccctgg tgctgccccg accaaccttc tgcgacacgc cggatggact 180
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<210> 27332
 <211> 423
 <212> DNA
 <213> Aspergillus nidulans

<400> 27332

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gagaacgaag caatgtttat aatggctatg aatgaggagg gagctctggg ggatgagatc 360
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<210> 27333
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

<400> 27333

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cgagatgtcc ccatgggcat cgattccacc cgcctagggt ggatgggctg gcttcgttgg 180
aaagcatgga tccgcctagg ctgtcccgag tgtgagcgag gtgtgagtgt cgcccatggg 240
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<210> 27334
 <211> 351
 <212> DNA
 <213> Aspergillus nidulans

<400> 27334

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gaccaggacg gcggaaccct cgaccaggac gatgaatggg cgatgaaaat ctatcgggtt 180
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cgaggaatgg tgcgacagaa gttgaaatcg tcgaccgggt ccgagaattc gtcgaccagg 240
 ccgaggagtg gtcgaggatt tgtcgaccag gagttgaaat cgtcgaccgg gaccgagaat 300
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<210> 27335
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 <212> DNA
 <213> Aspergillus nidulans

<400> 27336
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 ggttcaatta ttcgcgtcga ggcaacggca ggggctcttt tctttcacga gagggaaaag 120
 aaaccagagg gagagacagg acggaaagct ggtactgggtg aagacgaaaa aggaagagcc 180
 ctgaagcttc cctccgcgaa atggcgacta ggaggttggg gagtaagaca cgagaacgaa 240
 tctacggaaa ggaacgaaaa gagcactggg ggttaa 276

<210> 27337
 <211> 333
 <212> DNA
 <213> Aspergillus nidulans

<400> 27337
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tacgatgagt acgcgaatgt cttccgcca gttcgcaagc tctggggccg tatcgatgca 120
ctatgcgcca atgcgggcat tgtcgatact tcgtccgtct atatatacga ctggaagaac 180
aggagcgttg atgacattcc tccggccccc gagttggatg tcgtggacat caactataag 240
ggagtaatct acggcactca attggcgact cacttcatga gacataatcc tcgacctggc 300
ggtcgcattg tggtcactgg cagtattgga gcg 333

<210> 27338
<211> 256
<212> DNA
<213> *Aspergillus nidulans*

<400> 27338
gccgcttttg ggctccggcg tggatccagt tggggttgtc tttgggctat ttgccagtgt 60
catagctcgt tctgtaggga gtatctgcct agactaatgc ccaacgtgtg atttccaagt 120
cttcactcta accaaacctg gcagccgact attgctgtag cgtaacaata gacttgctcc 180
tagcatgtct acgagccacg ctggcagcag gaaataactt tttcccatat agttggcaga 240
caactgggtg cactaa 256

<210> 27339
<211> 348
<212> DNA
<213> *Aspergillus nidulans*

<400> 27339
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gacatcggtg tgccgcgattt gtatctgtta gaacaaacgg cagctaataa gctatcagga 120
aacgtcagct acatcatgcc cacactccac gctatatttg ccatcccagc aacgaatgga 180
tcgttccttc accatccgtc gtttgccctcg gctgcaggga cagacgaagc tcacgaagag 240
gcgctggtgg tgggcaagac cctcggggtg gttggctggg aaatgctcac aaatgatgag 300
ctgttcgagc agtccaaaag ccaatggcag aaatgcgtga atgaatag 348

<210> 27340
<211> 816
<212> DNA
<213> *Aspergillus nidulans*

<400> 27340

atgacaacag gagtcgagtt tgatgtgac cagtcttcca taagcgcaac gactaccatc 60

tcatacaatc aacaaaccct cagggtcaat atcaataaca tgtcatccac actgtctact 120

ccgtcattgt ctgagtttcc gacgccgaac caaaccacca ggcttccac tccccgaac 180

tcgccagagg aaacgcatcc ccatatcatg agtgcggaag agaacgaaat tcttgcgcaa 240

gagtctacgc ggctgactga atctggcgat gatttcgctc caacgatcac ctactcctg 300

aacgaatata ccgacagaat gaagcaaata cagaggcgga gactagctga acagaaagga 360

gaacatgaga tactttatgc aaaacttaga agacaaaaag actcagcgct gtctggctctg 420

aagcaggcgc aagatcttac caccagatac aagcaggaac ttgacgcaa agtcattgaa 480

gaggagcagc tactgagaa gatgaaaacc ctagagaagc tgcttgctga gacagccacg 540

caacattcag aactaagaa ggcgatgct gagaaagagg aaatatggaa ttctgtcatg 600

ggccccctgt cgagggttaga gaacgtcaac ggcgaaatcc gggagcagct gggagaaata 660

aaacagcagc tagaggggac caatgcttca attgccgagg aaagagctat cagtgcacaga 720

aacctctcag aactcgcttc tgtgagagac aaactagctg aggaaaaagt ccagcgagcc 780

gccgtcgaac gcaggttgaa cgagcaagtc gataga 816

<210> 27341

<211> 243

<212> DNA

<213> Aspergillus nidulans

<400> 27341

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ggatttcaca cacagaacaa gcaatgcgat gtcgctatca actctgccct ggctcacaag 120

gcgctcacia acccatcgaa ggaattgtcg gaggagggtc gggctctcgt tcaggacctc 180

cgaatcatca ttgaagaggc caagaaactt atccttagca agaacgacgg gcagttgttt 240

tag 243

<210> 27342

<211> 688

<212> DNA

<213> Aspergillus nidulans

<400> 27342

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gtgtggaccg gcagcaagaa cggaaacgcg atccagttcc cttccatagg ctcgaaccag 120
aacgtccaga cgcactcgga gaagcccaag atgtcaacgc cctcttcctc ctcaggatcg 180
gcctccaact ccggcacctc gacgcctgta ccgttcgacg agaagaccct cacttcagtg 240
aggacacgcg ccgcggggcg acaccgcaga gacacgactc gccccttcgg ccgcgccttc 300
taccaaggct tcgccaactt cttcgtcatc cccatccctg gaatcgtctt gtactcgact 360
tttatggtgg tcatcagcac tgtctggcgt ctcatgggcg tgctgtccgg cctcctcgtc 420
ctcgcgcatg ccttgagaca ggaataccgc gcctttgacc gcgaatgggtg gcagcctttt 480
tccgtctatg gcctcttcac ggccgttgtc gcggcagtc ctttcgcgca gaccatcatc 540
ggtgtcgccg ttgtcatcac cacgaaatgg gctgtcatgg gccgccgcac agagggccag 600
tatcactggg acaaatgcag ttataaccag cgctggcagt tctacctgac cgtggaaacg 660
ctcatcaaag acatgtaccg cggcatcg 688

<210> 27343

<211> 309

<212> DNA

<213> Aspergillus nidulans

<400> 27343

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gtggtcggat gccgtatatg gatgatcgcg aatccttcgg ccgccggagt aggtcacgcg 120
accaagatg ggaccgggat cgagaccgcg accgcgaccg cgacagagac cgaccgcttg 180
accgtgatcg tgaccgagag cgcattcatc tggatcgaga tagagaccga gatattcggg 240
acatcgatag acgcgatagg gaccgtgatt tggatcgccg agatagattc gatcgccgtg 300
acgaattag 309

<210> 27344

<211> 246

<212> DNA

<213> Aspergillus nidulans

<400> 27344

atggcgctga tcgccaccct cgectgectg gtgctgggct acccgtttgc ctggtttctg 60
 gcgaagttgc cacacaaggt gcgtccgctg ctgctgtttc tgctgattgt tccgttctgg 120
 accaactcat taattcgat ctacgggctg aaaattttcc tcagcaccaa aggctatctc 180
 aacgagtttt tgctctggct gggcgttatc gacacaccaa tccgtatcat gttcacgccc 240
 agtgcg 246

<210> 27345
 <211> 342
 <212> DNA
 <213> Aspergillus nidulans

<400> 27345
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 atagaacaat cgccccaaga tatcattctt attgatgtcc ttgttgctgg cccagcaaaa 120
 cttgggcata aactcgggag tttccagaaa accatattct gtcacactca gctctgtgac 180
 tgtcggggcg gacgtatcgc ctgaggtgc caggcaggct acatgatagc cattctctct 240
 cgtgctgcga aaaaaatctt gggctccac gggtatgagg ttttcgagac tgcgatgact 300
 gtcacatac aggtagcaac cgggtgaacat actacattct ga 342

<210> 27346
 <211> 807
 <212> DNA
 <213> Aspergillus nidulans

<400> 27346
 atggggctgc cgctgaaaag aaagcgtctg tatcttttgt caggagccga cgacgaatac 60
 gagacgagcg atatcgattt gcaagaagca cgtaccaga acgacttgcg tctgaagtcc 120
 atctttgagg ggattttcga aaagtacggc cgggatttta cagacgtcgg cgacgagatc 180
 gaccttcaga caggaagat cacggtaaac aacgggcaca tcgatgcact cgaggtggaa 240
 ggcaacggtt atggggactg gctgtcggat gcaaggccgc aggctccgag acatgtacta 300
 gcagaaagga cggattatga gggcaagccg gcgcgccttg cccttgacgc cgatgcgtgg 360
 ggtgcagaag .atactgccct ggaaggcgac cagcactgc aacatcccgg ccggaggacg 420
 gtccatctac tatcacacat gcggccaggc tctaggaggg gattgggcga aactacggaa 480

acagattcag atcaggggtgc ggcggggtgac ggagaggatc gtgctacgtc ggaggctgaa 540
gacgacaggt cgagtgtgga ttctttgtta ggtaccgcac tatcaatccc ggcccagaaa 600
gtcggtaaga ccaccaaggg cgagactggc accgaaaaag caattcctcc ccacgacgga 660
tcccaccaat accaggccgc acatactgag agactcgatg agactgtgga cccattttgg 720
cgcgttcctg agatcagtgc gaagtttaca acaccgactt tgccgagtcg acctagacct 780
aacccaaagc ctgtcattaa caatgca 807

<210> 27347
<211> 650
<212> DNA
<213> Aspergillus nidulans

<400> 27347

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ccggccgccc gaacgtcagc taccaaggcc actccaacct tctcaaacac accctcagcc 120
tccgccccaa aagtcacacc catcgtcgac aagtcaaacc cccgcaaat tcgagtcgcc 180
ctgccagaga tcagaccgga aagtgaggaa ggggaagaag atggccccgc gcgtaagaag 240
ctcagaatcg gaggaggcgg cgccggcgcg ttcgcgggct tcaattcatt actacctgcg 300
cccaaacgac ctaatgcgaa ggtggaaaca gataaattag ccggcagcag acccacgcgt 360
aaggtgttta gcttgaagac cggggctgcg ccgggttttg atcgcgaggc cgatgaggag 420
atgaggagag atatggcggt tgagaatttg ggaatgggcg gtgatgacgg taatcaggat 480
gagacaatcc ccaaggcggc gagtttgagg ggaaatgagg acattgaggc gaggaatgcc 540
gtggaggaga aaccccagga agtggctctg aaggggaacc caatgatgtt caaacgctg 600
tccgtggcgc gagcagggca gaagaaaaag aagccgatta ttccgacgcc 650

<210> 27348
<211> 468
<212> DNA
<213> Aspergillus nidulans

<400> 27348

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ccaccgaccc gcaacaagtg ccgacccggc taacctccta cacctcagga ttcaaacaga 120

accagttatt ctgtcacctg cgctgactcc gtcacaacaa cctgcaatgt cgacagcggc 180
 gtgacaatca tccaggcccc cagcactgtg acagtccctg tcaactgaaac aggacagtaa 240
 ggcacccgtc cactcaccaa cacctctttg aatcccagcc aaccaatgct aatatccatt 300
 tcttgcttca gcaccggcag cgttctctgc acacacaacg ccaaaacggg aacgtgctcg 360
 ctcggtatgg acggcgagtt ctttgccacg agcaccgaac ctggtctttc gtatgaagtc 420
 accatcaccg aaacagagac cggttcgccg tcgacttcga aatctccg 468

<210> 27349
 <211> 1033
 <212> DNA
 <213> Aspergillus nidulans

<400> 27349
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 acgatccgtg tcctcgacac cgccctggc tcgccaacc atgcactcca atatattcct 120
 ccagaactcc ttcccgaac gtttgtgaac agtacaatgg acggtccgta tactggaccc 180
 catagcgccg atttctcgcg cggcgccgtg cttcttctcc acggcggggt gttcatggat 240
 gtaggcatta ttctgacccg atcgctggac cggatctgct gggctcagct agaggaccct 300
 tgcacgcctt tcaatgtctc tgtaccctgg atgtatggaa caacaatggc gaaccatttc 360
 gttgcgagcc gcaagggcga ccctttcatc cgacgggtggc atgagctctt cctgtatgtg 420
 tggaaagacc gcactaactt ccagggactc acgaagcacg cgttattttg cgtttgccgc 480
 acatctggac ttctctgcgt cggcaaagag gggtttcaag tgggagtta ttgttgatcc 540
 ggctacggtg ttcgactaca tttcgcaggt tttggcttgg attcgactga caatgttgga 600
 agacgcggga gacgggttca gctgtgctga ttatgctgtc aacaatatcc tctggttcga 660
 tgtcctgcct gagaactggg ggtttgagga gaaagtcggt tttcgtggag agaatctgtt 720
 taggatcatg gccacacgga cagatggcga tccggagagc gaagagtaca agaaggcgca 780
 cgaggttgtc tggcacttct tgtcccagtg cagcatgcaa aagatcacgc acggggagaa 840
 tttgacgaag acgcccgcgc taggttcatt gtgggatagg gaggagaatc agggcaagga 900
 tatcgagcca gggacttttg ctgagctgct cagatacga acaacacatt ttaagcagac 960
 gagaagtaca attcgctatg tgactgtgga gaagccgaag gagacgatgc ggaagggcgt 1020

ctttgagccc taa

1033

<210> 27350
<211> 1073
<212> DNA
<213> Aspergillus nidulans

<400> 27350

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tggggcactc aaccagcccc ttcattcagga tctattcttc atgatattca attcaatccg 120
gatccgtcgt ttgatccaca gcaatatcgc aatattcata atttctatgc gaatgcgaac 180
ctctcgggat taggaggcgc aagcgcaact ggtactttcc cgccgcctcc gttcgttttc 240
cccagcactt tccctcctgc accgagcgcc cctccattcg caaacatgcc gaacgtgggg 300
tattccttga tgccattatc gtcagtacat tcacaaatgc gtcccaacca ggcgtcaacg 360
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tcaaatacagg atttgaccg agaagaaggc gaattaacgg atatagaagg tgctgcatcg 480
gctgagcagc agcctcactc gcaaaaaaaaa gcgcgtcgtc tacgcggcga tatttcaggc 540
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cagtccacaa gattgaacgg gcttcacgct caagatgagc gtcccgccat catctctacc 660
ggttgcgagt tgctttcaga ccttgaagaa ggcgaggctt cgcattgaacc tcgcgcctct 720
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aacatctctt agcctataac cccccaatgc cgataaacgc catatctccg ccgatgtcaa 840
aatcatcacc agatcttctg gaaacgggta ctagagaggt tggcgctgta gagcaaagat 900
cagtctccgc ttctagcagc tcaaaaagtt ctctgagtc ggctgtctcg gtcgctcaac 960
ttcgggtgca agcacagggc gccctactca gtttggcacc gcacagtatc cgttatactg 1020
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<210> 27351
<211> 396
<212> DNA
<213> Aspergillus nidulans

<400> 27351

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agaggagcag ccgaaggaac ggggtcagag cacttacatt gtctcagact tgcagaaagc 180
acaaaagctg gaatcagatg aaaatatcag tgaagacgat gataaatgga tggaagagac 240
gctcgagacg aagcagggtca agaatcgaga atcgagaact cgagatgttg ttcgttgcac 300
gaggaaggaa cgaccgactg cggaagctt ggaccacccg atcccgcta gccctgatct 360
ctactgtact ggtactgtag agctactcga gagcag 396

<210> 27352
<211> 672
<212> DNA
<213> Aspergillus nidulans

<400> 27352
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agctccgtgg gatctagccc cggaacccc gaagaagcca tcgcagaaga tgaaaactcg 180
cctcctggca ccatgccgag gtctccattt gttcgccgac tttctttcgg tgcccaggcg 240
ctgcgagatg cccgcgctgg aagcatcggc aacggtagat accatctctc cccccctgta 300
tcacctgcca ctggaaagcg ccggacagcg tcgtctgccg gtctctccag ccctacaacc 360
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accagcacc gccggtctgc atccgttgcg tccttgatc tgcccgcacg ggaaatgccc 600
aagcaaccta aacaagtcaa taaacccgac tttttccagg agaagatcct cagaggcgac 660
tttatggact ga 672

<210> 27353
<211> 348
<212> DNA
<213> Aspergillus nidulans

<400> 27353

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gatgtgagta cgacggagat tgatattctg attgatccgc aatggcctga tagcaaaaca 180
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aggattgttc ggagaagcag cctacaattt atcccaaaag acgcgagtaa taccttgcac 300
tggcttttcg cgatggttgg gacacttgat gacaagaaga agacttag 348

<210> 27354
<211> 731
<212> DNA
<213> Aspergillus nidulans

<400> 27354

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tccatgttcc tgccctgggtt tagtaaggaa agcatcgctt cctcagtcgc tggaaatgta 120
ggtttaattc aatcattgcy tgacggatta cttcgacctg cagagctgat ttggttttta 180
ggacgatacc gcaaccacct acagcatgac ctgtgcggct tcttatgaca acgaggagga 240
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gcgaagccgc cgaagagacg gctgatggat ctggagcaga agcgactccc acaggtgcgg 660
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cggctctctg a 731

<210> 27355
<211> 1182
<212> DNA
<213> Aspergillus nidulans

<400> 27355

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gaccgggtcg gtgatcgcat ggactatgag gatggggtag aaggagactt tcaggaaaca 120
gtgaatatca tggacttgag cttggcccg gctccagagc ccaaactctc caacggtgag 180
gtgtacacga tgccggttcc gaactttctt tcattagaaa cagaggagtt caaccagag 240
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cctcttgaca agtcgggaga ctacgacacg aagttggatt ctcatgtata tttaggagca 480
gcgtccgaga catcaggagt gttcagactg acttctcacc taactcatgg actcactgta 540
tatcccacga ctatggaaac agatgacgag gttcagcgac tgcaggaatc cctagctgca 600
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cgtcgccgtg agcagcttgc agataggag ttggaccgtg gccgcagata cggcatgtct 780
caccgaccg ggggtgccg acttacagt ggggggctgg aagatgatga cggcctctc 840
gcgacaaggc ctctgcaaaa gaagtcacgc cgccctaacc gtagaggcga gattttcact 900
gatgatgagg aagactatga ccgccgtggc cggacacggg aagatgaata tgatgaagac 960
gacggcttcc tcgtcggcag cgacgaagag cctgagatcg tggatgatga cggatgaagaa 1020
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aaaaagaacc gctatgttgt ggatgatgat gacgaggagt aa 1182

<210> 27356
<211> 593
<212> DNA
<213> Aspergillus nidulans

<400> 27356

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cagggaccac aagcagcgtc actcccgcga cttctgcgga cgaagccgtt gagcaggtgg 180

ctgaaaaggc gaaggagctg gccaaagaca ttggggccgt ccccgccgag gataagaatg 240
acgctcctgt gcagaatggc acacataccg acgaggacaa ggaacgtggt gctgagcaga 300
atccccgtgt cgacgagaag cccgagccag cattggagct gctgtccagg ccggatggcc 360
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aggaaaagtc gaagcctgtc ccggaaccgt tggatcgacc agatgtcgcg gctgacgaga 540
aatcatccgt ggccgagccg gcgacaactg aagtcgcgcc tcaagcaccg gtt 593

<210> 27357
<211> 422
<212> DNA
<213> *Aspergillus nidulans*

<400> 27357
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cccccaaga gtgaggatca ggcccatgct gacaaccgta tgctgactct gccctacctt 120
gttctgtctt gcaataaccg actaatctgg gattgtagat gacctctccg agagacaagt 180
ctattactgc gacaaatata gcgcggggct ctgcgcttgc ttctgccgct acaacaagta 240
tgattactac aagtgcgctc cgaattactg ccagtgtac aacgtgtacg caccggactg 300
ctattacgcg tactactact actcgtctgg tggctatcct tcgccagcgg agtatgaagt 360
ccaccgcctt aagtaccgcg actgtccgcg gtatccatac tgtagcgagc ggccgtacac 420
ga 422

<210> 27358
<211> 447
<212> DNA
<213> *Aspergillus nidulans*

<400> 27358
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ggctctggat acacgttgga taaggccgtt cccctgccta aaggcgtgga cccggacaag 180
cgcaaggcaa cgctctttgc ttacagcaac aatggaaaag gctgcgtctt cctcgacaac 240

aacgtcggaa agaagcagta catgtccatc aaggtatgca aagtcggggg taaaaactgc 300
gacagcgaca ctggctcctt tagccaatac gcggggectg tctatgtgtc aagcttttgct 360
tgtgcgccgg ttaccgcgaa gatgggctct tcgtcgagca atttgtatgt gaactataag 420
aatgactatg ttttcccttg taattaa 447

<210> 27359
<211> 408
<212> DNA
<213> Aspergillus nidulans

<400> 27359

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caggagccaa acgtttcaag gcagagcttc agctatgagc ctgcagtgtt tcctcagtct 180
acattcgcg atacagagca agctatcacc cacagcccac ccctggagct ttcgaacatg 240
catccggagc agcaaacctg gatagaaaac ctgattcaag acagcagccc tagaacctac 300
attcccagtt ttaccggctg gggagaattt gactcgctgg ctctcacagg cctgggagag 360
ttaggtcaca tattctcatc caatgatcta ccggatttcc ggggttaa 408

<210> 27360
<211> 285
<212> DNA
<213> Aspergillus nidulans

<400> 27360

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tataactatt cccgcctaaa gtccgtttcg gggcccatcc tcgctgcatt cacagatgcc 120
tgaggggcaa atgcacagcg gtcacatca tcttctgaat acggccgact tctgaaagag 180
ttacatcgca agtatggggt tgctgtgcgt ctggggccgg ggttcgtgag tttaaagcgaa 240
gtgggggata ttacaagagt ttatcatact ctgctccagg acgag 285

<210> 27361
<211> 438
<212> DNA
<213> Aspergillus nidulans

<400> 27361

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cggatcgaga gaaaccgtac agagaggagc agtgccgaga gacagcgtgc tgagaggaat 180

aaggttgaga agagtcaacg cgtgaatagt attgctgaaa aataccgcgc tgagaaacag 240

ctgccctgga gaccgccgcg gcctctagcc attcttgccc aaaaacacga actggcattg 300

tctagaaaag cctgttccc gcagtcaggc cttctgctg cgagcaagaa gccaagcca 360

gtcatcacta aatccagaca tggctctggc aaatacaagc ctgtggcca gtggccgtca 420

ccggaacctt tggagatg 438

<210> 27362

<211> 405

<212> DNA

<213> *Aspergillus nidulans*

<400> 27362

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gacagtgacc aggtcgtggt gaatacgcta gctgacctat ttgatattaa gaaagccctg 120

tccaaagata cttcggcgca attagtcggc tcaatgactg acgcgtctct tcaaaacctg 180

accgacaaac gttacagcag ccgcttcggc gcagttgact cgaaatccac tgaggttgct 240

actcgaaact ctccctccac acttgcgacg cagaatgaca accctccggt tggattatc 300

gacgggggtc tctctcaacg aattggagca aggcggagta aaccatctcc caatgaaatg 360

agaaaacgcg gtgcccctgg tacggcgaag agcgatgatg agtaa 405

<210> 27363

<211> 302

<212> DNA

<213> *Aspergillus nidulans*

<400> 27363

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tttccttgaa aacagcatca agatagtata ggccaccaag gtccctcgag gagggcagtt 120

tagttcgatt acggaaccgg ggaatactct cgatctcctg tcggagtctg cgcataatca 180

aaggattggt cagaaggaag aagaacacag agacaaaagc cttcggtata atctgaatgc 240
 tcgcagcgag gatgaggccg tcgggtgcac taatggcaag tttgcgggta gcgctggggc 300
 cg 302

<210> 27364
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans

<400> 27364

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 tttcttaacg aatcttcttc gaagaataac gacgaatctc tggatccgtt tgggttctcg 180
 gctgataacg gcgatgcccc tttgcataag aggagtctct cagccagtga tgcttggttt 240
 gggtcagagg agccccgatt tgggtggcggg gggtacaaca gggtccttca cggtgggtta 300
 ggtgatgatt ttgattctcc tgggtggtttt ggctcgccgg attatgtttc tagacagcaa 360
 gaggagattg tgaggatgaa gatggctcag agacagcgaa tggctgctgc tcagtacttg 420
 gcggctactg gttctccaat gtc 443

<210> 27365
 <211> 326
 <212> DNA
 <213> Aspergillus nidulans

<400> 27365

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 ttcacaagga tccgcggcgt tcgcaccaag ggaaggtagg cgtcaccacg acctagtcca 120
 gcctcagtct gagctcccta aatacctgga taatgtttcc gtgtttgtgg actagcctgg 180
 tgtaattcat ctgataagcc catcccactc cgcgggggccc aatatattgt agggaaatgc 240
 agagactgat gtcagcaata cagatagaga aaatcgtcac cgatgaggct gaggctgagc 300
 aagaaaacgt gaagaatcct cccaag 326

<210> 27366
 <211> 363

<212> DNA
 <213> Aspergillus nidulans

<400> 27366

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gatccggaac aaagtattct cttgacctcg tcgaaagggg gtagcagcct tgtgttgcg t  180
caagcacgag gaaatagcca atccaccacc aatcttcaga cttcggaaca ggggtgcagaa  240
gcgttgaaga aggaccgcca gtacccccca tatcgatttg caatcaattt gaaaaattgg  300
tggatggtct tgaatggtta cggaaaccct tttaccgaaa agaaaatgtc ttggcgccct  360
taa                                                    363
  
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<210> 27367
 <211> 383
 <212> DNA
 <213> Aspergillus nidulans

<400> 27367

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agccgccgcg ctacgattgt gcgtgggcaa ggcgagcctg gtcaccgagc tgccccagcg  120
cgtgggggaa acaatgatgc aagattcgga agccgtattg atatcggaga aattactgac  180
aaagcaggta aggaatatcg acggtacaaa ttccagttca atttgaacgc ggagattcca  240
ctctcaagaa aaaggccgct caagattccc acgaggggta ttcgaccgca gatgtggaga  300
ttcaagacga taggacagag ggggaagaag agcaggcgat gcgagagttt gaggaggaaa  360
tgtcaaagaa cttgagagag tag                                                    383
  
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<210> 27368
 <211> 390
 <212> DNA
 <213> Aspergillus nidulans

<400> 27368

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cctacaccgt ctccacacc ctcgtccacg cccatgccgt cggaagaatc atcctcatct  120
acgaattctg gcgccattgc cgggtggtgt gtcggtggtg tcgcgggcct tgctctgatt  180
  
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<400> 27371

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tcctcaaaaa cctcgattga cattgttcac cacctgaagc aaggcctcgc cgtgaccttg 180

agcgagatac ctgacctcgc cgcgaccatt gctccagtcg cgaattctca ccgcaaggac 240

ctggagctac gcatcggggc caattcgggc gtccctttca aggtcgtgga tcaaacaag 300

caggaatctt gggatatatg cacctaccct gatctggctg cgaaacactt ccccaccagt 360

gatattcctc acgatatcct cttcatccca cagccgcaac caagcgcgga cggactgcct 420

gctgcgtttc tgcaggtcaa tattattgat ggcggagtta tcatcgcgat ctcatggcac 480

cattcagtat gtgatgagag aggcattcagt atcctgatcg atgcctgggc caggcataca 540

gcgacgtcgc tagcaaacgg caaacccgat ctgcctgcga caccagcaga gggcagccgt 600

gatcgggtggc gattagatca cggcctgcga gaggttacta ttgaccaact tcccgaatac 660

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<210> 27372

<211> 486

<212> DNA

<213> Aspergillus nidulans

<400> 27372

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gagaagcgtg tcgcgaaaga gaaacatgct gccgagagtg tgaatgtcga tcccgatata 120

gccagggatt gggaagttac tcttgaggtt gttttgcctg ccgcgtcgga gcctgctgag 180

gtgggtgata ccggcttata tctgacagat ccgccggttg aagtagctag tcaagcgatc 240

gtcgcgattc cgaccggcga caaggcctcg ggaaaacgtc cacaggttga cgactccaag 300

gagaagaaaa ggaagaagaa gaagaagaag aagaaggcag cgaaaaggga ggacaagcct 360

cctatTTTTTg aggataaggc tgcttcggcg aatctcctca gaaagtgcgc gagtagccta 420

cttcgggctt cagatactct actggagtct agaaagtacg ctgagacggc gtcacatttt 480

ctaagg 486

<210> 27373
 <211> 219
 <212> DNA
 <213> Aspergillus nidulans

<400> 27373

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 cagggcgctgc acccaaacgc cactgaacgc cccggctaca gcggcgatgg tcttgctggt 180
 aaagcgaaac gaacatatgc aaactcccc ggactatag 219

<210> 27374
 <211> 436
 <212> DNA
 <213> Aspergillus nidulans

<400> 27374

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 ctttgttccc tctagctcca gctccagcgc ggtgggttacc ttcaagacct agatcaagag 180
 ttccagccct ggtcccagct ccagtttcgc tgcggctgca actactgaag ctccaacctc 240
 cactagagcc tcccgtaca ctccatacac cggcaacggc ggcacaacat gcacggtaac 300
 tgactatgct ggcattctct cgcccggtgc atcctgctcg aacatcatgc tctcggacgt 360
 gtacgccccg cctccagca ccattgacct tcaggatctg cagaccgggg cggcggtgat 420
 ctttgcgggg aagacg 436

<210> 27375
 <211> 444
 <212> DNA
 <213> Aspergillus nidulans

<400> 27375

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 attttgagac gctgtgaact ggacaatctc tcgctgcaca gcgtcaagaa tatggagcaa 180

accctgagta tcggaaacga cgatagaaaa gaggtgcaaa aatggcaggt gtgcacggga 240
cagctgatcg gtagctggga tctggcttgc agccctaaaa cttcgccgta ggcaggtcaa 300
ggtagaaaat aaggtctcgt agatttcctt cagctgggcg ccatgaaagt cggatgatgct 360
ggtcgtagcg aagtccggag tgaagcgcg gaccaggcta tcgtacagac tcacgacttc 420
gaccgcccgcg ttagggggag gaat 444

<210> 27376
<211> 212
<212> DNA
<213> Aspergillus nidulans

<400> 27376
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gtccaaagtc cgtggtcgctc aagagcagag gcaagacgat tcgaccgcag aacgagaact 120
ggctgttcaa tatgaacacg cctgccgaat acaagcaggc ccagacgctg agcgaagaga 180
tcacaacaat cacagaggat ctcagttcat aa 212

<210> 27377
<211> 264
<212> DNA
<213> Aspergillus nidulans

<400> 27377
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gaggttacgg cgaaggatga gtccatggag ctgtccgacc taacgcgtaa gtcgctcgaa 120
gatgacacgc gggcttggtc gaagcataat acggttgctg aggagcggtt ctggatgcgg 180
cagaagggtt ggcgggagtc tgcccaggtg gcagcttcaa ttattgaaag ccaggcgaaa 240
ccggatatga agaagcagca atag 264

<210> 27378
<211> 267
<212> DNA
<213> Aspergillus nidulans

<400> 27378
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gccgtggctg ctgtgaaccc taccaaagta gtcttcaccc agatcatctc ctttgatcca 120
ccagttcaat acgacctcac gtatcaggag ctggcgagca tcgtcaaccg tcaggcctgg 180
tggctggctg agtgtcttca tgggaaagcc agagacgtca ccatcgcgta cagtccttta 240
atctctattg gtcattctct gcactaa 267

<210> 27379
<211> 413
<212> DNA
<213> Aspergillus nidulans

<400> 27379
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gatgccggat atgactccga agccgctgaa gagagtaaag gtcggactgt gaagcgaaga 120
aagacacaat ctcgagaaga tggcatagaa agcgcctccg aggacgagag ctcaggcgga 180
tcagagggag aagaaagcga tacagaagcg ggaggtgtac gcctacgtga aaagaagcgc 240
ggacagcgtg atgaatatga gaatgactca gacgatgatg gcaattacat gaaccaagaa 300
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ccgctcgaca agctaaaaaa taagccgccg aagaagaaca aaacgggctg cgt 413

<210> 27380
<211> 225
<212> DNA
<213> Aspergillus nidulans

<400> 27380
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aagctgccat gaagatcact agcatcttgc gtgatctgtg cgaaaatggg aaaatgtacc 120
acagcttttg ggtatgtttg taaagctatc gtggatggat tgcgctggac cctaattttt 180
gctacagttt actcattact acgcattctc agctattgtg gtctt 225

<210> 27381
<211> 322
<212> DNA
<213> Aspergillus nidulans

<400> 27381

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 cccactggta gcgaggtact tggattatac ccttaacccg tcctctcgca tactgtatac 180
 gatagacgat tctaacgagg tattacaggg ctgctggggc tgctgccagc ccaatgccat 240
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 gcctgagtgt cctgcaggag ag 322

<210> 27382
 <211> 222
 <212> DNA
 <213> Aspergillus nidulans

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 cagtcaatcg gcatcaacca gacccactca gaacccgatt cgactgggtg tgtctggacg 180
 tgtttgagaa gatcctcggc tttcagagcg gacgggcctt aa 222

<210> 27383
 <211> 342
 <212> DNA
 <213> Aspergillus nidulans

<400> 27383
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 gttccaacag tgaaccgcca gtccgagacc cgcgcaccta gtcgccggtc tcagggtgag 180
 cgggagctga aagcctcgt aagcgaagag acgctatcag accgggagat ggatcacgcc 240
 attcgagca cgcgggagag actggatacg ttggagcgga tattgcataa acgaaggctc 300
 caatccacta aggacaccga gtcttcccgc ggggaactct ag 342

<210> 27384
 <211> 306
 <212> DNA
 <213> Aspergillus nidulans

<400> 27384

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tggtggtgtg attgccagca aaagacgttc aaggacatgc tgaccggacg ggtttttgggt 240
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<210> 27385

<211> 207

<212> DNA

<213> *Aspergillus nidulans*

<400> 27385

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aacattgaag gaaacctgac agcgggtcaag acgagcgtca ttgtatcccg aaacgcagtc 120
agcatcacgg cgattgcaga agtctggagt cgcgtgatgg cgattacatc gggcattatc 180
cgccttctac ctgtgaacta catgtag 207

<210> 27386

<211> 255

<212> DNA

<213> *Aspergillus nidulans*

<400> 27386

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gatgggagtc aggagaaagc agtgccggtt gttgaaggcc ggattgtgct tgtgggcgat 120
gcgacggcga catgggcaa ggggggattc gacgctgaga ctgtgcatgc tgttaccctg 180
gccagtctgg acggcgagtt tgcagatggt atggcaacgg agcaggtcat tgcgtccttg 240
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<210> 27387

<211> 348

<212> DNA

<213> *Aspergillus nidulans*

<400> 27387

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aagacgacgc tagcagctat attctggctg gtctccgacg ggttattggc ttgagaaaga 120

cgcacgcaga cgccgtgatt cacgacggcg tgattgtggg atgtcaggca gattcggact 180

tcacattcag gaaccggcac cggtgagca tagacggtca tctttgagga cgccaggctc 240

aacattcggc ctgccgggtg tgccggcccg ggtgcctatg gagctggcaa agaaagatcg 300

aacgagacaa tgttacttgt gaggggggta attccagtgg tattatga 348

<210> 27388

<211> 422

<212> DNA

<213> *Aspergillus nidulans*

<400> 27388

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cagtacaaga gtcttctgac cgtcgaacga gccaaaggcc tggttcagag cctgaagcac 120

cggtagagaa ggacggcaat acgtcgaaca cggaataacc taagggtggaa gacaagccca 180

atgggggtggc tcaagagttg accgttaaac catcatcgag ccctgaatcg gcttctgaac 240

ctatcccggc tatggttacc gctgatgggg ctgcgtctgc tctaccggac ggacaactag 300

agggtcaggg aagcgcaggg gacccaatgc aaattgacca gaaaccaat actgagggcg 360

aaccagctgc tacgaccgag gattcacagc cggcggattc gcagcccgcg gtcctctccg 420

cc 422

<210> 27389

<211> 858

<212> DNA

<213> *Aspergillus nidulans*

<400> 27389

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ccacgcatgc tgtaccgtat tcttctgggt attgttctcc aagctctgca gcagctcact 180

ggcgccaact atttcttcta ctatggtacc accatcttcc aggggtgccg tatctccaac 240

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 ctcgaggagc tcgactggat gtacgtcaac cacgtcaaac cctgggagag cagcaagtac 780
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<210> 27390
 <211> 764
 <212> DNA
 <213> Aspergillus nidulans
 <400> 27390

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 attgcaggaa cacatccaga ctcaagagtc ctgattaccg acatcaagat ccttgatgct 180
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 gggattatga gggaagattg atgtgattag gggagcgatt cacacacgtt ggcaccgtcc 300
 ccaacaaaga agatctcttc agagaccccc gagtgcgtgt tttctatggc aacggccgca 360
 ccctgatccc tggctcttga gacgccata cccatctcag ctggaatgga ggcgatctcg 420
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 gttttctgga ttcggggtat acgatgtaag ctttcttctt cttcttcttc ttcttcttcg 540
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 tccgcgaaaa ggagactaga tgtagtcgtt cgcgatgcca tcaacgcggg agatatcccc 660
 ggcctcggt atcttgcgaa cgggcaggag atggcgagga gagacggcca cctggtgccg 720

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764

<210> 27391
<211> 282
<212> DNA
<213> Aspergillus nidulans

<400> 27391

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aagaggttgt ccaagggcaa atgcctacac tacggcgatc ctgaccactt tgtacaagag 180
tgccctataa aacctaccag acgccctagg caggtggcca cagtccagga agaacaagac 240
caaatcgatg actacagcaa gagcgagtca gaaaatgaat aa 282

<210> 27392
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<212> DNA
<213> Aspergillus nidulans

<400> 27392

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attactgaca agaaatgcat gggttccgcc atggtgttta tatctacggg cgctctgacg 180
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gagcggagtc tatgataaca cggttgatat tggggttggg aggagtccaa gtcaggaggt 780

tctctggaac ggatacgggg accgaagtta tgggaatagg ggtaatggga gtccgaggga 840
gattatgatac acagagacag tggatgtgga agttggaagg gggtag 886

<210> 27393
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<212> DNA
<213> Aspergillus nidulans

<400> 27393

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ctagagctgt cactacctca cgagcgattc atctacctga acgaccttgg aaaccgactt 180
cgagagcggg tcgaggcgtg ccgcaatgtc gaggatatct ccgaggcaat taatctcgtc 240
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aatagtctct gtctgcttta tgggtatcgc tataccaggc tgggtgattt ggatgacctg 480
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aggggcccaa caaccgatgg agacgatgat gaagaagagg aggaagaaga agaagaggaa 720
gaagaggaag aagatgaaga agatgaagaa gaggaagaag atgaagaaga acaacaacaa 780
gaagaagaaa aagaggaaga ggaggaggag gaggaggagg aggaggagga ggagg 835

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<211> 391
<212> DNA
<213> Aspergillus nidulans

<400> 27394

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agacttcgaa ctgagcttga ggacctcaca aacatcctcg gttcactggg agatgtaata 180

aatgcagaaa tgccaatggt ggctctgctt caaggtcctg ttgagcgatg caaccaacta 240
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<210> 27395
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 <212> DNA
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 gatgatgggt atttggaatg tctctgcgga actcccgact accgatacgg cattcgtgac 240
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 tcgttggcgg cggtaacctg accattgttg gcggcgccac ctccactatc ctccgagacg 600
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 ttatcggcgc tgtcaccact actggtgcca atggtgagac gactaccact gagactactt 720
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<210> 27396
 <211> 878
 <212> DNA
 <213> Aspergillus nidulans

<400> 27396
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agacaaggcg acaaagcgat catgacggac ctgtttgtat ttgatgcggt aagcggccag 180
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 ccaacaccag cggcagcctt ccaggctgct ctaaagactg ctcctgaggt aagagctagc 360
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 aagcccgtta cgaaggccaa atccaagtcc agcaagccct ctggttggcg agatattacc 480
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 gcagaagatg acgaagacga agagaagagc gacaactcgt ccagcgagtc tgcctctgag 780
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 gagcagcctt tgcctctcaa ggcagtggcc attcacia 878

<210> 27397
 <211> 510
 <212> DNA
 <213> Aspergillus nidulans

<400> 27397
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 atccgggtag acaagaggca gattgagcag cgaattgagg aggatcgtga gcgcaataaa 360
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 gagcggaatg agatgatcaa cgctgtttta 510

<210> 27398
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 <212> DNA
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 <400> 27398

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 gctggccggc gacctgcgca cgcgatgacg tatcagcggg gacaggactc aaccattccg 180
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<210> 27399
 <211> 297
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27399

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 gctcgtacgc ctcgaaacgg gcggaaatgt cgtcaagcat gcaatcggac ctatatatag 180
 caacacacaa tcgcttcaga taacgaataa taacatcgac cgggttattg aagccatcga 240
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<210> 27400
 <211> 283
 <212> DNA
 <213> Aspergillus nidulans

 <400> 27400

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 ctcgtcgtc aacttccggc cgatgttgtg gtattctgtg tcgtggacgg ggtgaccgtg 180